

# Sean O'Brien

sean@ivy cyber.com • sean.obrien@yale.edu • 0x2C83959AD748331E  
privacylab.yale.edu • linkedin.com/in/seandiggity • twitter.com/seanodiggity

## SUMMARY

Sean O'Brien is a subject-matter expert in cybersecurity, privacy, Web3, and Free and Open Source Software (FOSS). Sean is a Visiting Lecturer at Yale Law School, where he teaches Cybersecurity and founded the Privacy Lab initiative. He is Chief Technology Officer at Panquake, recently launching the Panquake Me link cleaning, shortening, and archiving service. Sean developed a Web3 and Blockchain class at Yale as well as Hacking and Cybersecurity at the Lawfare Institute and was founding Head Tutor at Oxford University Cyber Security for Business Leaders. Sean's expertise has appeared in *The New York Times*, *Forbes*, *Bloomberg*, *Popular Science*, *AP News*, *NBC News*, *The Financial Times*, *Wired*, *The New Yorker*, and more.

## EDUCATION

### **Yale University**, New Haven, Connecticut, USA

Visiting Fellow, Information Society Project at Yale Law School

2013 – *Present*

Founder and Lead Researcher, Privacy Lab initiative, 2017 – Present

### **Stanford University**, Stanford, California, USA

Professional Certificate in Advanced Cybersecurity and Blockchain Technologies

2023

Stanford School of Engineering

Completion of two programs: Cryptocurrencies and Blockchain Technologies & Advanced Cybersecurity

### **Massachusetts Institute of Technology**, Cambridge, Massachusetts, USA

Professional Certificate in AI Leadership

2022

MIT School of Architecture+Planning and MIT Media Lab

Professional Certificate in Cybersecurity Technology, Application and Policy

2016

MIT Computer Science and Artificial Intelligence Laboratory (CSAIL)

### **Harvard University**, Cambridge, Massachusetts, USA

Professional Certificate in Data Privacy and Technology

2021

Harvard Business School Online

### **University of Connecticut**, Storrs, Connecticut, USA

Master of Arts in Education (M.A.Ed.), Educational Technology

2008

Focus: Command Line Literacy

Bachelor of Arts (B.A.), Interactive Digital Media

2005

Concentration: Creative Writing

## CERTIFICATIONS

(ISC)<sup>2</sup> Certified in Cybersecurity (CC). DHS CISA Cloud Computing Security, Cryptocurrency for Law Enforcement, Cyber Supply Chain Risk Management, Fundamentals of Cyber Risk Management (FCRM), Foundations of Cybersecurity for Managers (FCSM), and more. Blockchain Council Certified Blockchain Security Professional (BSP). Linux Foundation Certified IT Associate (LFCA) and Blockchain for Business (Hyperledger). Global Tech Council Certified White Hat Hacker (WHH) and Certified Cyber Security Professional (CSP). Association for Data and Cyber Governance Data Privacy & Protection Specialist / Data Officer (DPPS / DPO). Pursuing (ISC)<sup>2</sup> CISSP, IAPP CIPP/US, and PMI PMP. See Credly, Accredible, and LinkedIn for more.

## EXPERIENCE

### **Yale University**, New Haven, Connecticut, USA

#### **Visiting Lecturer, Cybersecurity, Yale Law School**

Aug 2018 – Present

Development of curriculum with Prof. Scott J. Shapiro for Cybersecurity, LAW 20310 & 21314.  
Encryption concepts, Kali Linux penetration testing, custom “hacks” and real-world applications.  
Lecturer in Law 2018 – 2019, Visiting Lecturer in Law 2022, Visiting Lecturer in Law 2023.

#### **Founder, Privacy Lab & Fellow, Information Society Project at Yale Law**

Jan 2013 – Present

Fellow of the Information Society Project since 2013. Founded Privacy Lab initiative in 2017.

Mobile forensic analysis of smartphone applications, with press in 100+ international news outlets.

#### **Instructor, Yale Law School**

Aug 2022 – Dec 2022

Created curriculum for “What is Web3? Exploring Blockchain, NFTs, & The Metaverse”, LAW 50100.

This reading group introduces Yale Law School students to emerging Web3 technology and legal issues.

#### **Instructor, Yale Law School**

Aug 2017 – Dec 2017

Created curriculum for “Cyber Freedom & Security”, LAW 50112.

This reading group discussed concepts of freedom and security on the Internet within the context of mass surveillance and targeted attacks.

#### **Instructor, Yale Law School**

Jan 2017 – Jun 2017

Created curriculum for “Citizen FOSS: What Snowden Knew”, LAW 50110.

This reading group introduces security concepts within the context of the 2013 Edward Snowden disclosures.

#### **Director of Technology, International Students & Scholars**

Jan 2013 – Oct 2018

Drupal development and design of custom Web applications.

Inter-office communication with decentralized and P2P protocols like Jabber/XMPP, Jitsi/WebRTC.

### **Talk Liberation**, Rarotonga, Cook Islands & Reykjavík, Iceland

#### **Chief Technology Officer**

Jul 2023 – Present

Building Panquake, a blockchain social messaging service, and helping architect a decentralized P2P network.  
Planning and risk management for internal systems, including E2EE and WebRTC services.

#### **Security Advisor**

May 2022 – Jul 2023

Advising in regard to security, privacy, and Free and Open-Source Software (FOSS) compliance.

Editor of *Talk Liberation* “Your Worldwide Internet Report” which supports Panquake development.

#### **Chief Security Officer**

Sep 2021 – May 2022

Building Panquake, a blockchain social messaging service, and helping architect a decentralized P2P network.  
Planning and risk management for internal systems, including E2EE and WebRTC services.

### **Tari Labs & Yat Labs**, Oakland, California & Nashville, Tennessee, USA

#### **Open Source Lead**

May 2022 – Jul 2023

Security leader for two global Web3 companies. Managed Bug Bounty programs, 300+ bugs squashed.

Managed git collaboration with Free and Open-Source Software (FOSS) developers and security researchers.

### **The Lawfare Institute**, Washington, District of Columbia, USA

#### **Instructor, Hacking & Cybersecurity**

Sep 2022 – Mar 2023

Development of curriculum with Prof. Scott J. Shapiro for Lawfare’s Hacking & Cybersecurity course.

120+ remote students learn about the command line, malware, rootkits, DDoS, The Dark Web, and cybercrime.

### **University of Oxford**, Oxford, England, UK

#### **Head Tutor, Cyber Security for Business Leaders, Saïd Business School**

Jun 2020 – Aug 2022

Founding Head Tutor 2020, Tutor 2021, Head Tutor 2022.

Leading a team of tutors in a remote, international program with a 86 NPS and 100% completion rate.

### **ExpressVPN**, British Virgin Islands, UK

#### **Principal Researcher, Digital Security Lab**

Sep 2020 – Sep 2021

Founder and leader of a research center focusing on privacy, cybersecurity, and digital rights.

Investigations of privacy harms and open-source reports about security issues.

**PrivacySafe**, New Haven, Connecticut, USA

**Executive Director**

Apr 2020 – Apr 2021

Leading a member-driven organization whose mission is education via private and secure technology.  
Research and development of trustworthy IoT hardware for education, healthcare, and nonprofit sectors.

**Founder & CEO**

Jun 2019 – Apr 2020

Secure IoT hardware developed for healthcare, legal, and SMB/SME.  
Enterprise cybersecurity consulting, open-source GNU/Linux operating system design.

**IVPN**, Gibraltar, UK

**Managing Editor, The Privacy Issue**

Dec 2019 – May 2020

Founding editor of *The Privacy Issue*, helping to launch this privacy industry vertical for IVPN.  
Writing, editing, and curating long-form articles and guides on cybersecurity and digital self-defense.

**Purism**, San Francisco, California & Seattle, Washington, USA

**Director of Business Development**

Oct 2018 – May 2019

Fostering partnerships within the Free and Open-Source Software (FOSS) industry.  
Sales and marketing strategy for enterprise B2B and consumer B2C, information technology services.

**University of Connecticut**, Storrs, Connecticut, USA

**Orientation Leader, Student Orientation Services**

Jun 2003 – Jul 2003

Provided information, guidance, and support for hundreds of incoming students at UConn Storrs campus.  
Trained in transition strategies for new students that result in increased satisfaction, success, and retention.

**Website Manager, Student Financial Aid Services**

Aug 2001 – Jan 2013

Design and maintenance of multiple websites, blogs, and wikis on Red Hat and Apache.  
Development with Python, PHP, JavaScript, jQuery, MySQL, PostgreSQL, and Oracle/PeopleSoft.

**PRESS &  
PUBLICATIONS**

“Yale Antitrust Scholar Likens Apple Case to Epic Microsoft Battle”

*Fortune*

Mar 2024

“Justice Department Sues Apple, Alleging It Illegally Monopolized the Smartphone Market”

*Associated Press*

Mar 2024

“Whistleblowing Infrastructure Workshop”

*Berkman Klein Center for Internet & Society at Harvard University*

Mar 2024

“Privacy Report 2 – Websites for Opioid Addiction Treatment and Recovery Services: Data Sharing and Privacy Risks”

*Opioid Policy Institute*

Feb 2024

“Report 2 – Data Dashboard”

*Opioid Policy Institute*

Feb 2024

“State Governments Looking to Protect Health-Related Data as it’s Used in Abortion Battle”

*Associated Press*

Jan 2024

“Copyright Rules That Will Shape How We Use Generative AI Are Being Set Right Now”

*MSN News*

Dec 2023

“City Navigates Recovery From Summer Cyberattack”

*Yale Daily News*

Oct 2023

“Open Source Isn’t Ready for Generative AI”

*ZDnet*

Oct 2023

“Open Source Licenses Need To Leave the 1980s and Evolve To Deal With AI”

*The Register*

Jun 2023

“Preparing for the Worst: Essential IT Crisis Preparation Steps”

*InformationWeek*

Jun 2023

“You Won’t Believe What Hackers Can Do With Your SSN”

*Yahoo! Finance*

May 2023

“Legal Blow to Internet Archive, Controlled Digital Lending” <i>Inside Higher Ed</i>	Mar 2023
“5 Myths and Realities About Cyber Insurance” <i>Tanium</i>	Dec 2022
“Websites For Opioid Addiction Treatment and Recovery Services: Data Sharing and Privacy Risks” <i>WIRED</i>	Nov 2022
“Telehealth Sites Put Addiction Patient Data at Risk” <i>WIRED</i>	Nov 2022
“Websites For Opioid Addiction Treatment and Recovery Services: Data Sharing and Privacy Risks” <i>Opioid Policy Institute</i>	Nov 2022
“What Is a Computer Exploit?” <i>U.S. News &amp; World Report</i>	Nov 2022
“The Legal Danger Lurking in Cyber Insurance Policies” <i>Tanium</i>	Nov 2022
“1000+ Authors Speak Out For The Digital Future Of Libraries” <i>ValueWalk</i>	Oct 2022
“Self-Checkouts, IoT and The Rise Of Cyber Security Threats in Retail” <i>Forbes</i>	Sep 2022
“FTC Joins Push for Rules on Trade of Smartphone Location Data” <i>Bloomberg</i>	Sep 2022
“What Is Internet Security?” <i>U.S. News &amp; World Report</i>	Sep 2022
“Cyber Insurers Clamp Down on Clients’ Self-Attestation of Security Controls” <i>Dark Reading</i>	Sep 2022
“Can You Hack It? Find Out In Our Lawfare Class” <i>The Lawfare Institute</i>	Sep 2022
“Twilio Aftermath: Is Your Identity & Access Management Good Enough?” <i>InformationWeek</i>	Sep 2022
“Deepfakes Could Facilitate Real Estate Fraud, Experts Warn” <i>Cybernews</i>	Sep 2022
“Advantages of Blockchain: 8 Worth Considering” <i>Built In</i>	Sep 2022
“A Lawfare Hacking and Cybersecurity Course” <i>The Lawfare Institute</i>	Aug 2022
“This Is Why You Should Never Use Someone Else’s Dirty USB Cable” <i>Lifewire</i>	Aug 2022
“Human Rights & Web3 for Activists” <i>Amnesty International &amp; Fight For The Future</i>	Jul 2022
“What Is Missing In The Web3 Space?” <i>Oaziz DAO</i>	Jul 2022
“Cybercrime Is Rising Rapidly. How Easily Could You Be Hacked?” <i>The New York Times</i>	Jun 2022
“You Can Now Put AI Tools In The Hands of All Your Employees. But Should You?” <i>Fortune</i>	Jun 2022

“If Students Can Hack This Course, They’re Ready for Information Age Lawyering” <i>Yale Law School Today</i>	May 2022
“Low Code: Satisfying Meal or Junk Food?” <i>InformationWeek</i>	May 2022
“CIA Whistleblower John Kiriakou and Sean O’Brien” <i>Moment of Clarity</i>	Apr 2022
“John Kiriakou & Sean O’Brien Talk Panquake” <i>The Political Vigilante</i>	Apr 2022
“How Worried Should We Be About Russian Cyberattacks?” <i>Popular Science</i>	Mar 2022
“Choosing a Gas Price App” <i>Reader’s Digest</i>	Mar 2022
“Dark Patterns Could Manipulate Online Shoppers Into Spending More” <i>CreditCards.com</i>	Feb 2022
“Putting AI to Practical Use in Cybersecurity” <i>Dark Reading</i>	Feb 2022
“Free & Open Source Software” <i>Firewalls Don’t Stop Dragons</i>	Feb 2022
“Mastercard’s CipherTrace Used ‘Honeypots’ to Gather Crypto Wallet Intel” <i>CoinDesk</i>	Jan 2022
“Gay/Bi Dating App, Muslim Prayer Apps Sold Location Data to a Controversial Data Broker” <i>The Markup</i>	Jan 2022
“Can Gettr Become the Online Gathering Place for Trump’s GOP?” <i>The New Yorker</i>	Jan 2022
“Trumpworld’s Anti-Big Tech App Gettr Still Tracks Users for Facebook” <i>Vice Motherboard</i>	Jan 2022
“Gettr Promised Users It Would Free Them From Big Tech, But It’s Tracking Them for Facebook” <i>Gizmodo</i>	Jan 2022
“Social Media Mercenaries: CIA & DoD-connected Orgs Mapping WikiLeaks Supporters” <i>The Daily Blog NZ</i>	Jan 2022
“Gettr, So-called Alternative to Big Tech Uses Google and Facebook Trackers, Has Security Flaws” <i>The Daily Dot</i>	Jan 2022
“Internet Outages Point to Web’s Concentration of Power” <i>NBC News</i>	Dec 2021
“Explainer: What Caused Amazon’s Outage? Will There Be More?” <i>Associated Press</i>	Dec 2021
“AWS’ Latest Outage A Stark Reminder of the Dangers of Big Tech and Urgent Need for Web3” <i>CryptoSlate</i>	Dec 2021
“Amazon’s Cloud Issues Highlight Backbones of Modern Internet” <i>Associated Press</i>	Dec 2021
“The Feudal Cloud Kingdom” <i>The Hindu</i>	Dec 2021
“Sean O’Brien and Creating a New Social Media Network” <i>Darshan Talks Podcast</i>	Dec 2021
“What Does Your Smart TV Know About You?” <i>NBC KARE 11</i>	Nov 2021

“Dette er appene du bør passe deg for” <i>NRKbeta</i>	Nov 2021
“Is WhatsApp Safe for Texting and Video Calls?” <i>Hacker Noon</i>	Oct 2021
“The EU Wants Everyone To Use USB-C Chargers, Including Apple” <i>Popular Science</i>	Oct 2021
“EU Action Could Make Apple Pay More Useful” <i>Lifewire</i>	Oct 2021
“Yale Center for British Art Redisplays Controversial Painting of Elihu Yale and Enslaved Child” <i>Yale Daily News</i>	Oct 2021
“Artificial Intelligence Isn’t Taking Over Anytime Soon, Right?” <i>Lifewire</i>	Oct 2021
“COVID-19 test registration data left unsecured.” <i>CyberWire</i>	Sep 2021
“Dangers of Tracking Tech on HIPAA Covered Entity Websites” <i>Connecticut Health Law</i>	Sep 2021
“How Walgreens’ Sloppy Covid-19 Test Registration System Exposed Patient Data” <i>Vox Recode</i>	Sep 2021
“Decentralized and Censorship-Resistant Messaging Platforms” <i>Opt-Out Podcast</i>	Sep 2021
“Privacy and Ethics” <i>Darshan Talks Podcast</i>	Aug 2021
“Panquake with Sean O’Brien” <i>Fred Hampton Left Podcast</i>	Aug 2021
“Talking ‘Bout a Social Media Revolution with Sean O’Brien” <i>The Killjoy Guide Podcast</i>	Aug 2021
“Panquake Hit Reset on the Social Media Button” <i>Harvey Nash Tech Talks</i>	Aug 2021
“Unethical Use of AI Being Mainstreamed by Some Business Execs, Survey Finds” <i>AI Trends</i>	Aug 2021
“Panquake - Talk Liberation” <i>Sabby Sabs Podcast</i>	Aug 2021
“This Outed Priest’s Story is a Warning for Everyone About the Need for Data Privacy Laws” <i>Vox Recode</i>	Jul 2021
“Opioid Addiction Apps Access Personal Data, Study Finds” <i>Financial Times</i>	Jul 2021
“Opioid Addiction Treatment Apps Found Sharing Sensitive Data with Third Parties” <i>TechCrunch</i>	Jul 2021
“Confidentiality in Spotlight with Report on OUD Apps” <i>Alcoholism &amp; Drug Abuse Weekly</i>	Jul 2021
“The Struggle to Make Health Apps Truly Private” <i>Vox Recode</i>	Jul 2021
“Report: Privacy Concerns With Apps Used For Opioid Addiction Treatment” <i>Health IT Security</i>	Jul 2021
“Study: Addiction Treatment mHealth Apps Aren’t Protecting Patient Data” <i>mHealth Intelligence</i>	Jul 2021

“How Does Privacy-Focused Brave Browser Work?” <i>Analytics India Magazine</i>	Jul 2021
“Report: Addiction Treatment Apps Pose Privacy Risks” <i>MedCity News</i>	Jul 2021
“Apple Under Pressure to Close Loopholes in New Privacy Rules” <i>Financial Times</i>	Jun 2021
“Google Boosts Android Privacy Protections in Attempt to Rival Apple” <i>Financial Times</i>	Jun 2021
“Pentagon Conducting Warrantless Surveillance of Americans, Senator Says” <i>Blaze Media</i>	May 2021
“Inclusion, Tradition and Discourse at Yale” <i>Yale Daily News</i>	May 2021
“A Hybrid Model? A New Approach to Meetings Might Be in Greenwich’s Future” <i>Middletown Press</i>	May 2021
“High Court Sides with Google in Copyright Fight with Oracle” <i>Associated Press</i>	Apr 2021
“What’s Up With the Apple App Store’s Privacy Changes?” <i>The Markup</i>	Mar 2021
“Crypto Wallet Scams Are On the Rise in Google, Apple App Stores” <i>CoinDesk</i>	Mar 2021
“LibrePlanet 2021 Day One: Taking Action to Empower Users” <i>Free Software Foundation</i>	Mar 2021
“How Secure Are Your Financial Accounts and How To Protect Yourself” <i>Forbes</i>	Feb 2021
“App Trackers Secretly Sell Your Location Data to the Government. App Stores Won’t Stop Them.” <i>Vox Recode</i>	Feb 2021
“Brave Browser Was Exposing Addresses in Tor Mode for Months” <i>CoinDesk</i>	Feb 2021
“These Dating Apps Are Tracking Your Location” <i>ZDNet</i>	Feb 2021
“1 Out of 4 Americans Are Tracking an Ex’s Real-time Location” <i>FOX News</i>	Feb 2021
“Why Your Smartphone Apps May Be Tracking You” <i>Lifewire</i>	Feb 2021
“Popular Crypto App Found to Have Ties to Data Tracking Company” <i>CoinDesk</i>	Feb 2021
“Scovate 450 App Che Tracciano la Posizione Dell’utente: Quali Sono” <i>Libero Tecnologia</i>	Feb 2021
“Digital Privacy in 2021: Take a Hard Look at Your Apps” <i>Kim Komando</i>	Feb 2021
“Cybersecurity: Diese Handy-Spitzel kennen nicht mal die App-Entwickler” <i>WirtschaftsWoche</i>	Feb 2021
“Data Brokers Continue To Use X-Mode Location Tracking In Spite of Ban” <i>CPO Magazine</i>	Feb 2021
“Why You Should Secure Your Online Photos” <i>Lifewire</i>	Feb 2021

“Oops: Google Admits Failing To Wipe All Android Apps With Location-Selling X-Mode SDK” <i>The Register</i>	Feb 2021
“Location Tracking Report: X-Mode SDK Use Much More Widespread Than First Thought” <i>The Register</i>	Feb 2021
“Five More Muslim Prayer Apps Found To Be Selling Data to US Military-linked X-Mode” <i>The New Arab</i>	Jan 2021
“Location Broker X-Mode Continues To Track Users Despite App Store Bans” <i>TechCrunch</i>	Jan 2021
“More Muslim Apps Worked with X-Mode, Which Sold Data To Military Contractors” <i>Vice Motherboard</i>	Jan 2021
“Privacy Warning: Researchers Find Location Trackers in 450 Apps” <i>Kim Komando</i>	Jan 2021
“These Malicious Tracking Apps Have Already Been Downloaded Over a Billion Times” <i>Tech Radar</i>	Jan 2021
“Banned Location Broker Tracks App Users” <i>Digital Journal</i>	Jan 2021
“Researchers Confirm the X-Mode Tracker Is in Billions of Smartphones” <i>TechNadu</i>	Jan 2021
“2021, Année à Hauts Risques pour Nos Données Personnelles” <i>Les Echos</i>	Jan 2021
“How Retailers Track Your Every Move in Exchange for Coupons and Convenience” <i>Vox Recode</i>	Dec 2020
“Thirteen Scholars and Practitioners of First Amendment Law in Support of Plaintiffs-Appellees” <i>Amicus Brief, Index Newspapers v. U.S. Marshals</i>	Nov 2020
“New Mac Update Leaves Users No Room to Escape Data Collection” <i>CoinDesk</i>	Nov 2020
“Investigating Privacy Harm via Big Tech Influence” (forthcoming) <i>Yale ISP &amp; Thurman Arnold Project Conference on Big Tech &amp; Antitrust</i>	Oct 2020
“ExpressVPN Teams Up With Yale Researcher To Kickstart New Digital Security Initiative” <i>TechRadar</i>	Oct 2020
“Updating the High Priority Free Software Projects List ” <i>Free Software Foundation</i>	Oct 2020
“COVID Fallout Highlight Need for Robust Data Privacy Laws” <i>CreditCards.com</i>	Sep 2020
“A Renaming Question Very Close To Home” <i>Yale Alumni Magazine</i>	Aug 2020
“The Hidden Trackers in Your Phone, Explained” <i>Vox Recode</i>	Jul 2020
“An Introduction to GNU Health Embedded” <i>Free Software Foundation</i>	Jul 2020
“Feedback Loops Within Teams” <i>Team Engagement Podcast</i>	Jul 2020
““Cancel Yale”? Not Likely” <i>Yale Daily News</i>	Jun 2020
“Opinion: Yale Must Change Its Name” <i>New Haven Independent</i>	Jun 2020



“Want Better Mobile Security or Privacy? Try These Android and iOS Alternatives” <i>CSO Online</i>	Jun 2020
“Interviewing Sean O’Brien: A Privacy & Security Expert” <i>Techlore</i>	May 2020
“Episode 35: COVID and EARN IT with Sean O’Brien” <i>LibreLounge Podcast</i>	Apr 2020
“Slack, Zoom, Google Hangouts: Are Your Remote Work Apps Spying on You?” <i>OneZero</i>	Mar 2020
“LibrePlanet 2020 Online Closes on a High Note” <i>Free Software Foundation</i>	Mar 2020
“Students and activists in the U.S. Lead the Fight Against Facial Recognition” <i>ExpressVPN Blog</i>	Mar 2020
“Time To Face Up To Big Brother” <i>New Haven Independent</i>	Mar 2020
“Students Protest Facial Recognition Technology” <i>Yale Daily News</i>	Mar 2020
“10 Questions About The Dark Web” <i>The Privacy Issue</i>	Mar 2020
“Students Organize to Keep Facial Recognition Off Campus” <i>Fight for the Future</i>	Mar 2020
“Pwned On Arrival: Compromised Hardware Supply Chains” <i>The Privacy Issue</i>	Feb 2020
“Are You the Victim of Targeted Attacks?” <i>The Privacy Issue</i>	Feb 2020
“5 Countries Attacking the Press” <i>The Privacy Issue</i>	Feb 2020
“The Founder of Yale’s Privacy Lab is Worried by the Coming Age of Facial Recognition” <i>ExpressVPN Blog</i>	Jan 2020
“Siri, Alexa, and Google Assistant Hacked via Laser Beam!” <i>Security Weekly</i>	Nov 2019
“This Yale Start-up Won’t Sell Your Data” <i>Yale Daily News</i>	Nov 2019
“Email Scam Review: Protection Through Information” <i>Switched to Linux</i>	Oct 2019
“Spy vs. (Counter)Spy” <i>New Haven Independent</i>	Oct 2019
“Encryption, Government, and Us” <i>Switched to Linux</i>	Oct 2019
“Hacker News Expert Commentary” <i>Security Weekly</i>	Oct 2019
“PrivacySafe: Your Personal Encrypted Vault” <i>Switched to Linux</i>	Sep 2019
“PrivacySafe Launches Pre-Orders for Secure Data Appliance” <i>Presswire</i>	Sep 2019
“Data Privacy Bills Aim to Protect Consumers” <i>CreditCards.com</i>	Sep 2019

“PrivacySafe: The Anti-Cloud Appliance” <i>BoingBoing</i>	Sep 2019
“PrivacySafe Discussion” <i>Sunday Morning Linux Review</i>	Aug 2019
“Are Facebook Users Better Off After Its \$5 Billion Fine?” <i>Associated Press</i>	Jul 2019
“Climate Change Versus Tweed Airport” <i>Connecticut Mirror</i>	Apr 2019
“Testimony in Support: Raised H.B. 7392, An Act Concerning Voter Privacy” <i>Connecticut General Assembly</i>	Apr 2019
“Episode 15: At Libre Planet with Sean O’Brien” <i>LibreLounge Podcast</i>	Apr 2019
“Facebook’s Privacy Pivot?” <i>Peter Tilden, KABC Los Angeles</i>	Mar 2019
“Give A Foot, They Take A Mile” <i>New Haven Independent</i>	Mar 2019
“Geofencing in Political Campaigns” <i>Peter Tilden, KABC Los Angeles</i>	Feb 2019
“Your Phone and TV Are Tracking You, and Political Campaigns Are Listening In” <i>Los Angeles Times</i>	Feb 2019
“I Cut the Big Five Tech Giants From My Life. It Was Hell” <i>Gizmodo</i>	Feb 2019
“I Cut Google Out Of My Life. It Screwed Up Everything” <i>Gizmodo</i>	Jan 2019
“Grassroots Networks Mobilize From Coast-to-Coast to Promote Digital Rights” <i>Electronic Frontier Foundation Deeplinks</i>	Dec 2018
“Facebook Is Not Equipped To Stop The Spread of Authoritarianism” <i>TechCrunch</i>	Dec 2018
“Privacy & Security Reading List” <i>Purism Blog</i>	Dec 2018
“Securing The Institutions We Rely On: A Grassroots Case Study” <i>Electronic Frontier Foundation Deeplinks</i>	Dec 2018
“IRL Ads Are Taking Scary Inspiration From Social Media” <i>Medium Technology</i>	Nov 2018
“Cybersecurity Class Hacks Raspberry Pi Smart Pumpkin” <i>BoingBoing</i>	Nov 2018
“Break-in Attempted at Assange’s Residence in Ecuador Embassy” <i>Consortium News</i>	Nov 2018
“At MozFest, Spend 7 Days Exploring Internet Health” <i>Mozilla Blog</i>	Oct 2018
“Privacy Up-Settings: When Private Becomes A Selling Point” <i>India Times</i>	Sep 2018
“EBGAP: Error Between Google and Privacy” <i>BoingBoing</i>	Aug 2018
“Google weiss, wo Sie jetzt gerade sind” <i>SonntagsZeitung</i>	Aug 2018

“What You Can Do To Prevent Google From Tracking Your Phone” <i>Popular Science</i>	Aug 2018
“Google Tracks Users Who Turn Off Location History” <i>BBC World Radio</i>	Aug 2018
“Every Move You Make, Every Step You Take, Google’s Tracking You” <i>NPR AirTalk</i>	Aug 2018
“Google Stores Users’ Location Regardless of Privacy Settings” <i>Consumer Affairs</i>	Aug 2018
“Google Tracks Your Movements, Like It or Not” <i>Associated Press Exclusive</i>	Aug 2018
“Hard Questions of Privacy and Freedom with the Yale Privacy Lab Podcast” <i>BoingBoing</i>	Aug 2018
“Cory Doctorow on Net Neutrality, Social Change, and Free Software” <i>Privacy Lab Podcast</i>	Aug 2018
“Bridging the Divide: The Law, Technology, and Business of Cyber Security” <i>Yale Cyber Leadership Forum</i>	Jul 2018
“Yale Cyber Leadership Forum Reports on Key Areas of Cyber Risk” <i>Yale News</i>	Jul 2018
“The Critical Flaw in India’s Mobile Security” <i>Economic Times</i>	Jul 2018
“Facebook Domination vs. Self-Determination” <i>BoingBoing</i>	Jul 2018
“GDPR: Don’t Forget To Bring a Towel!” <i>BoingBoing</i>	May 2018
“Episode #41: Ultrasonic Tracking” <i>Twenty Thousand Hertz</i>	Apr 2018
“The Secret Sharers: Are Your Favorite Apps Watching You?” <i>Yale Alumni Magazine</i>	Mar 2018
“BSNL Cyber Security Could Have Been Fixed Two Years Ago” <i>Business Today</i>	Mar 2018
“Bad Aadhaar Cybersecurity Tramples on the Right to Privacy” <i>Business Today</i>	Feb 2018
“Reviving the Independence of Cyberspace” <i>BoingBoing</i>	Feb 2018
“Love, Sex, and Trackers - Tinder and Other Dating Apps Are Spies In Your Bedroom” <i>BoingBoing</i>	Jan 2018
“Android Users: To Avoid Malware, Ditch Google’s App Store” <i>WIRED</i>	Jan 2018
“Apple Health Data Is Being Used as Evidence in a Rape and Murder Investigation” <i>Vice Motherboard</i>	Jan 2018
“How And Why Apple, Google, And Facebook Follow You Around In Real Life” <i>Fast Company</i>	Dec 2017
“The Targets of Mobile Apps: Your Health, Your Ancestors, and Your Baby” <i>Vice Motherboard</i>	Dec 2017
“Gillette Knows Whether You Shave Because Tinder Told It About You” <i>CBC Spark</i>	Dec 2017

	“Three Quarters of Android Apps Track Users with Third Party Tools – Study” <i>The Guardian</i>	Nov 2017
	“Uber, Tinder, Snapchat and Other Top Apps Include Trackers That Secretly Watch Everything Users Do” <i>The Independent</i>	Nov 2017
	“Surprise: Android Apps Are Riddled with Trackers” <i>The Register</i>	Nov 2017
	“Les mouchards des applications mobiles - nous rapprochent d’un monde à la Minority Report” <i>Le Monde</i>	Nov 2017
	“Staggering Variety of Clandestine Trackers Found in Popular Android Apps” <i>The Intercept</i>	Nov 2017
<b>TEACHING &amp; REVIEWING</b>	Cybersecurity, LAW 21314, Yale Law School <i>Visiting Lecturer in Law</i>	Sep 2023 – Present
	“What is Web3? Exploring Blockchain, NFTs, & The Metaverse”, LAW 50100, Yale Law School <i>Reading Group Instructor</i>	Sep 2022 – Dec 2022
	“Hacking and Cybersecurity”, The Lawfare Institute <i>Instructor</i>	Sep 2022 – Dec 2022
	Cybersecurity, LAW 21314, Yale Law School <i>Visiting Lecturer in Law</i>	Jan 2022 – Aug 2022
	Oxford Cyber Security for Business Leaders, Saïd Business School at the University of Oxford <i>Head Tutor</i>	Mar 2022 – Aug 2022
	Cybersecurity, LAW 20310, Yale Law School <i>Lecturer in Law</i>	Aug 2018 – Dec 2019
	Oxford Cyber Security for Business Leaders, Saïd Business School at the University of Oxford <i>Tutor</i>	Oct 2021 – Dec 2022
	Oxford Cyber Security for Business Leaders, Saïd Business School at the University of Oxford <i>Head Tutor</i>	Jun 2020 – Dec 2020
	Joint Issue, <i>Yale Journal of Law &amp; Technology</i> and <i>Yale Journal of Health Policy, Law, &amp; Ethics</i> <i>Special Editor</i>	May 2019
	“Hack to Govern: Autonomous Weapons Systems”, Yale Law School <i>Judge</i>	Mar 2019
	“Cyber Freedom & Security, LAW 50112”, Information Society Project at Yale Law School <i>Reading Group Instructor</i>	Aug 2017 – Dec 2017
	“Citizen FOSS: What Snowden Knew, LAW 50110”, Information Society Project at Yale Law School <i>Reading Group Instructor</i>	Jan 2017 – Jun 2017
	“Command Line Literacy”, NEAG School of Education, University of Connecticut <i>Graduate Practicum</i>	Jan 2007 – May 2007
<b>PRESENTATIONS &amp; WORKSHOPS</b>	“New Student Orientation Program”, University of Connecticut <i>Orientation Leader</i>	Jun 2003 – Jul 2003
	“Human Rights: Facing History & Ourselves”, University of Connecticut <i>Teaching Assistant</i>	Jan 2003 – May 2003
	“Institute for Rebooting Social Media Whistleblowing Infrastructure Workshop”, Berkman Klein Center for Internet & Society at Harvard Law School <i>Invited Speaker</i>	Mar 2024

“Breaking the Chain: Building a Link Shortener for Privacy”, Association for Data and Cyber Governance <i>Invited Speaker</i>	Nov 2023
“Balancing Privacy and Protection in Mobile Malware Detection”, Messaging Malware Mobile Anti-Abuse Working Group (M <sup>3</sup> AAWG) <i>Invited Speaker</i>	Oct 2023
“Building the Privacy Frontier”, Yale Privacy Lab, Yale Law School <i>Organizer</i>	May 2023
“A Practical Demonstration of Least Authority Services via Free Software”, FSF LibrePlanet <i>Invited Speaker</i>	Mar 2023
“Tracking Smartphone Trackers”, The Rise of Privacy Tech Unconference <i>Presenter</i>	Sep 2022
“Deception and Protection via Smart Speakers”, Yale ISP Technologies of Deception Conference <i>Conference Paper</i>	Mar 2022
“Privacy Analysis of Apps and Beacons in Food Retail”, Yale ISP Conference on Reforming America’s Food Retail Markets <i>Conference Paper</i>	Mar 2022
“Emerging Opportunities for Privacy By Design”, Association for Data and Cyber Governance <i>Invited Speaker</i>	Mar 2022
“Ideas Lunch: The Smartphone Dilemma - Privacy at a Crossroads”, Information Society Project at Yale Law School <i>Invited Speaker</i>	Feb 2022
“Privacy and Data Ownership”, GeekBeacon Fest <i>Invited Speaker</i>	Feb 2022
“AI’s Role in Addressing and Exacerbating Climate Change”, Georgetown’s Institute for Technology Law and Policy & Information Society Project at Yale Law School <i>Closing Keynote</i>	Oct 2021
“Teaching Responsible Computing 2021 Summit”, Mozilla <i>Invited Speaker</i>	Jul 2021
“Responsible Innovation and Big Tech”, Data Company Conference <i>Invited Speaker</i>	Jun 2021
“Ideas Lunch: Data Privacy”, Information Society Project at Yale Law School <i>Invited Speaker</i>	May 2021
“Project Xoth: Location Tracker Investigation”, Poznań University of Technology <i>Invited Speaker</i>	Apr 2021
“Bruce Schneier and Sean O’Brien on the Role of Dangerous Narratives in Data Privacy”, ONE DAY Conference <i>Invited Speaker</i>	Mar 2021
“Censorship Circumvention, Online Surveillance, and VPNs”, World Ethical Data Forum <i>Invited Speaker</i>	Mar 2021
“Update from the Projects Committee”, FSF LibrePlanet <i>Invited Speaker</i>	Mar 2021
“3NWeb - Another Digital World Is Possible”, FSF LibrePlanet <i>Invited Speaker</i>	Mar 2021
“The End Of Student Privacy? Remote Proctoring’s Invasiveness and Bias”, Surveillance Technology Oversight Project <i>Organizer</i>	Mar 2021

“Techlore Privacy Panel: Modern Surveillance, Advocacy, and User Freedom”, Techlore, NixiePixel, SwitchedToLinux <i>Invited Speaker</i>	Feb 2021
“Ideas Lunch: Investigating Data Flows”, Information Society Project at Yale Law School <i>Invited Speaker</i>	Nov 2020
“Privacy Lab Fall Workshop”, Information Society Project at Yale Law School <i>Workshop Facilitator</i>	Nov 2020
“Free and Open-Source Software Licensing”, The Fletcher School, Tufts University <i>Workshop Facilitator</i>	Oct 2020
“Investigating Privacy Harm via Big Tech Influence”, Yale ISP & Thurman Arnold Project Conference on Big Tech & Antitrust <i>Conference Paper</i>	Oct 2020
“Better Operational Security on Zoom”, COVID-19: Flatten The Curve Summit <i>Workshop Facilitator</i>	Apr 2020
“IoT Appliance for Healthcare and Quarantines”, COVID-19: Flatten The Curve Summit <i>Workshop Facilitator</i>	Apr 2020
“Digital Self-Defense During COVID-19”, Stay At Home Fest <i>Invited Speaker</i>	Mar 2020
“GNU Health Embedded”, FSF LibrePlanet <i>Invited Speaker</i>	Mar 2020
“Cyber Attack Demonstrations”, Yale Cyber Leadership Forum <i>Invited Speaker</i>	Mar 2020
“GNU Health Embedded”, GNU Health Con <i>Invited Speaker</i>	Dec 2019
“PrivacySafe Launch Cryptoparty”, MakeHaven <i>Organizer</i>	Nov 2019
“Cybersecurity & Regulatory Challenges”, Windsor Town Hall <i>Invited Speaker</i>	Oct 2019
“The Age of Surveillance Capitalism with Author Shoshana Zuboff”, Future of Privacy Book Club <i>Panelist</i>	Jun 2019
“The Dark Web, Cyber Attacks, and Privacy Threats”, AI & Blockchain Seminar at Yale Law School <i>Invited Speaker</i>	Jun 2019
“Linux 101”, MakeHaven <i>Workshop Facilitator</i>	Aug 2019
“Mobile Privacy Threats, moderated by Roger McNamee”, Yale Law School <i>Invited Speaker</i>	Apr 2019
“Teaching Privacy and Security via Free Software”, FSF LibrePlanet, MIT <i>Invited Speaker</i>	Mar 2019
“Law, Technology, & Cybersecurity”, Yale Cyber Leadership Forum <i>Invited Speaker</i>	Mar 2019
“A Primer on Open Licenses”, Mozilla Open Leaders Program <i>Invited Speaker</i>	Feb 2019
“Digital Self-Defense Workshop”, RebLaw Conference, Yale Law School <i>Invited Speaker</i>	Feb 2019

“Privacy Lab: Digital Self-Defense Workshop”, Information Society Project at Yale Law School <i>Workshop Facilitator</i>	Nov 2018
“Privacy Lab: Mobile App Analysis”, Yale Center for Engineering Innovation and Design <i>Workshop Facilitator</i>	Nov 2018
“Tracking Mobile Trackers”, Mozilla Festival 2018 <i>Invited Speaker</i>	Oct 2018
“Privacy Lab: Mapping Surveillance Devices”, Information Society Project at Yale Law School <i>Workshop Facilitator</i>	Oct 2018
“FreedomBox, Your Private Server”, Information Society Project at Yale Law School <i>Workshop Facilitator</i>	Oct 2018
“Privacy Lab: Tracking Mobile Trackers”, Information Society Project at Yale Law School <i>Workshop Facilitator</i>	Sep 2018
“Penetration Testing with the Raspberry Pi”, NewHaven.io, MakeHaven <i>Invited Speaker</i>	Jul 2018
“Privacy Through Action: Proactive Strategy”, Guggenheim Securities <i>Invited Speaker</i>	Jun 2018
“Facebook Surveillance: Cambridge Analytica and Privacy”, Yale School of Management <i>Invited Speaker</i>	Apr 2018
“Interactive Cyber Attack Simulation”, Yale Cyber Leadership Forum <i>Invited Speaker</i>	Apr 2018
“Exposing Hidden Surveillance in Mobile Apps”, FSF LibrePlanet, MIT <i>Invited Speaker</i>	Mar 2018
“Resolved: Protect Net Neutrality”, Yale Political Union <i>Invited Speaker</i>	Jan 2018
“Privacy Lab: International Students & Scholars”, International Center, Yale University <i>Workshop Facilitator</i>	Nov 2017
“Privacy Lab: Information Systems”, Quinnipiac University <i>Guest Lecturer</i>	Oct 2017
“Eben Moglen: Privacy And ‘The Machine’: This Is Not Over Yet <i>Organizer</i>	Sep 2017
“Privacy Lab Skillshare: Digital Self-Defense”, Information Society Project at Yale Law School <i>Workshop Facilitator</i>	Sep 2017
“Privacy Lab: Library Freedom”, Yale Law Library <i>Workshop Facilitator</i>	Aug 2017
“What Snowden Knew: Privacy, Anonymity, & Freedom”, RebLaw Conference, Yale Law School <i>Invited Speaker</i>	Feb 2016
“Stay Secure! Digital Survival”, International Center, Yale University <i>Workshop Facilitator</i>	Nov 2015
“Free/Open-Source Software”, NAFSA Regional Conference, New Britain, Connecticut, USA <i>Invited Speaker</i>	Oct 2015
“Thomson Reuters Speakers Series: Cryptography & Open-Source Solutions”, Yale Law School <i>Invited Speaker</i>	Oct 2014
“New Haven Software Freedom Day”, Free Software Foundation & MakeHaven <i>Organizer</i>	Sep 2014
“Cryptoparty: Learn how to use encryption tech”, Information Society Project at Yale Law School <i>Workshop Facilitator</i>	Apr 2014

	“Software Blowback: Studying the FOSS response to the Snowden disclosures”, Yale ISP <i>Presenter</i>	Mar 2014
	“Ideas Lunch: Makerspaces and MakeHaven”, Information Society Project at Yale Law School <i>Co-Presenter</i>	Oct 2013
	“New Haven Software Freedom Day”, Free Software Foundation & MakeHaven <i>Organizer</i>	Sep 2013
	“Classroom Surveillance”, Liberating Education Conference, Wesleyan University <i>Invited Speaker</i>	Mar 2013
<b>CONTINUING EDUCATION</b>	<i>Advanced Cybersecurity</i> (Verified Certificate)	2023
	XACS, Stanford School of Engineering via Stanford Online	
	<i>Cryptocurrencies and Blockchain Technologies</i> (Verified Certificate)	2023
	XCS251, Stanford School of Engineering via Stanford Online	
	<i>FedVTE Certifications (Cloud Computing Security, Cryptocurrency for Law Enforcement, Cyber Supply Chain Risk Management, Fundamentals of Cyber Risk Management, Foundations of Cybersecurity for Managers, and more)</i> (Verified Certificates)	2023
	US DHS Cybersecurity and Infrastructure Security Agency (CISA)	
	<i>Antitrust Laws and OSS Project Management and Participation</i> (Verified Certificate)	2023
	LFC105, Linux Foundation	
	<i>Introduction to Protocol Buffers</i> (Verified Certificate)	2023
	LFS145, Linux Foundation	
	<i>Green Software for Practitioners</i> (Verified Certificate)	2023
	LFC131, Linux Foundation	
	<i>Certified in Cybersecurity (CC)</i> (Verified Certificate)	2022
	International Information System Security Certification Consortium (ISC) <sup>2</sup>	
	<i>Terrorism and Counterterrorism: Comparing Theory and Practice</i> (Verified Certificate)	2022
	Universiteit Leiden via Coursera	
	<i>CK-12 Certified Educator Program (CEP)</i> (Verified Certificate)	2022
	CK-12 Foundation	
	<i>New York Cyber Security Summit</i> (Seminar)	2022
	CyberRisk Alliance	
	<i>MFIA Access &amp; Accountability Conference</i> (Seminar)	2022
	Information Society Project at Yale Law School and the Abrams Institute for Freedom of Expression	
	<i>Internationalization and Unicode Projects</i> (Seminar)	2022
	Unicode Consortium	
	<i>Internationalization and Unicode Projects</i> (Seminar)	2022
	Unicode Consortium	
	<i>IEEE Authorship and Open Access Symposium</i> (Seminar)	2022
	Institute of Electrical and Electronics Engineers	
	<i>Transatlantic Quantum Forum</i> (Seminar)	2022
	Information Society Project at Yale Law School and Center for Quantum Networks	
	<i>Security Operation Center (SOC) Core Skills</i> (Verified Certificate)	2022
	Black Hills Information Security	
	<i>Developing Secure Software</i> (Verified Certificate)	2022
	LFD121, Linux Foundation	
	<i>Fundamentals of Quantum Computing</i> (Verified Certificate)	2022
	LFQ101, Linux Foundation	



<i>USC Election Cybersecurity Initiative Regional Workshop</i> (Verified Certificate) University of Southern California	2022
<i>Certified Blockchain Security Professional</i> (Verified Certificate) Blockchain Council	2022
<i>Linux Certified IT Associate (LFCA)</i> (Verified Certificate) Linux Foundation	2022
<i>Software Engineering for Embedded Systems</i> (Verified Certificate) LFD116, Linux Foundation	2022
<i>BRICS &amp; Cybersecurity</i> Digital Interests Lab at NYU	2022
<i>Ethics for Open Source Development</i> (Verified Certificate) LFC104, Linux Foundation	2022
<i>Foundations of Humane Technology</i> (Verified Certificate) Center for Humane Technology	2022
<i>Fundamentals of Professional Open Source Management</i> (Verified Certificate) LFC110, Linux Foundation	2022
<i>Driving Engagement in Virtual Courses</i> (Audited) DEVU, Esme Learning	2022
<i>AI Governance Symposium</i> (Seminar) Information Society Project at Yale Law School, Wikimedia WIII	2021
<i>The Future of Open Source</i> (Seminar) UCLA Institute for Technology, Law and Policy	2021
<i>Facebook Files: Frances Haugen, Shoshana Zuboff, Tristan Harris, Jack Balkin</i> (Seminar) Information Society Project at Yale Law School	2021
<i>Privacy + Security Forum, Fall Academy</i> (Volunteer Organizer) Privacy + Security Academy	2021
<i>Introduction to NodeXL</i> (Workshop) Social Media Research Foundation	2021
<i>Certified White Hat Hacker</i> (Verified Certificate) Global Tech Council	2021
<i>Digital Innovation in Mental Health</i> (Seminar) Dr. Becky Inkster	2021
<i>MFIA Access &amp; Accountability Conference</i> (Seminar) Information Society Project at Yale Law School and the Abrams Institute for Freedom of Expression	2021
<i>Abrams Institute: 50 Years After the Pentagon Papers Case</i> (Seminar) Information Society Project at Yale Law School and the Abrams Institute for Freedom of Expression	2021
<i>i2Coalition: Trust and Network Infrastructure</i> (Seminar) RightsCon	2021
<i>Introduction to Cybersecurity</i> (Seminar) XACS100, Stanford School of Engineering via Stanford Online	2021
<i>Accessibility and Inclusive Design</i> (Audited) University of Illinois at Urbana-Champaign via Coursera	2021
<i>Freedom Of Expression Scholar Conference</i> (Seminar) Information Society Project at Yale Law School and the Abrams Institute for Freedom of Expression	2021
<i>COVID-19 Training for Healthcare Workers</i> (Verified Certificate) SOM-XCHE0007, Stanford School of Medicine via Coursera	2021

<i>Health After Cancer: Cancer Survivorship for Primary Care</i> (Audited) SOM-YCME0048, Stanford School of Medicine via Coursera	2021
<i>Opioid Crisis: Prevention, Education, Practice for Non-Prescribing Providers</i> (Audited) MichiganX OpioidCrisis, Michigan State University via edX	2021
<i>The Opioid Crisis in America</i> (Audited) HarvardX HHP100, Harvard Medical School via edX	2021
<i>Certified Cyber Security Professional</i> (Verified Certificate) Global Tech Council	2021
<i>Introduction to Web Accessibility</i> (Audited) WAI10.1x, Word Wide Web Consortium via edX	2021
<i>Hyperledger Besu Essentials: Creating a Private Blockchain Network</i> (Audited) LFS.176x, Linux Foundation via edX	2021
<i>Data Privacy &amp; Protection Specialist / Data Officer</i> (Verified Certificate) Association for Data and Cyber Governance	2021
<i>Commercial Speech and the First Amendment</i> (Seminar) Information Society Project at Yale Law School and the Abrams Institute for Freedom of Expression	2020
<i>Open Source 101 - At Home</i> (Seminar) All Things Open	2020
<i>Journalism Crisis Project: International Outlook</i> (Seminar) Tow Center for Digital Journalism and Columbia Journalism Review	2020
<i>Journalism Crisis Project: International Outlook</i> (Seminar) Security Magazine	2020
<i>Network Threat Hunting</i> (Seminar) Active Countermeasures	2020
<i>Yale Angel Network Launch</i> (Seminar) Yale Angel Network	2019
<i>Cybersecurity All-Access</i> (Seminar) Cybersecurity Career Summit	2019
<i>Music City Con</i> (Seminar) Greater Nashville Technology Council	2019
<i>Ecosystems of Change</i> (Seminar) Stanford Center for Professional Development	2019
<i>ACM Inaugural Symposium on Computer Science and Law</i> (Seminar) New York Law School	2019
<i>Security, Privacy, and Governance</i> (Seminar) North East Annual Cybersecurity Summit	2019
<i>Strategies for Debriefing Healthcare Scenarios</i> (Seminar) Stanford Center for Professional Development	2019
<i>Continuous Innovation Bootcamp</i> (Seminar) Leanstack Academy	2019
<i>Digital Manufacturing &amp; Design Technology Specialization</i> (Audited) University at Buffalo and The State University of New York via Coursera	2019
<i>Waking Up To The Facebook Catastrophe</i> (Seminar) Business seminar by Roger McNamee at UMass, Amherst, Massachusetts	2019
<i>Blockchain for Business - An Introduction to Hyperledger Technologies</i> (Audited) LFS.171x, Linux Foundation via edX	2019

<i>Threat Hunting Capability in AWS</i> (Seminar) SANS and Amazon for National Cybersecurity Alliance	2019
<i>Endpoint Security Strategy in AWS</i> (Seminar) SANS and Amazon for National Cybersecurity Alliance	2019
<i>Blockchain Specialization</i> (Audited) University at Buffalo and The State University of New York via Coursera	2019
<i>Cybersecurity Electronics Division Meeting</i> (Seminar) NDIA workshop on hardware security at Lockheed Martin, Arlington, Virginia	2019
<i>Global Human Rights Teach-Out</i> (Seminar) SDG Talk via Coursera	2018
<i>Software Freedom Law Center Fall Conference</i> (Seminar) New York CLE, Columbia University	2018
<i>Cybersecurity Electronics Division Meeting</i> (Seminar) NDIA workshop on hardware security at Lockheed Martin, Arlington, Virginia	2018
<i>American Made Solar Prize Competition</i> (Hackathon) MakeHaven makerspace, New Haven, Connecticut	2018
<i>Field Programmable Gate Array (FPGA) Assurance</i> (Seminar) NDIA workshop on chipset security at MITRE, McLean, Virginia	2018
<i>Project Management for Yale Professionals</i> (Seminar) PDU, Yale University	2018
<i>Understanding EU Privacy Law and GDPR</i> (Audited) Reading group at Yale Law School, Yale University	2018
<i>Designing Data Platform Solutions</i> (Audited) DAT233x, Microsoft via edX	2018
<i>Machine Learning Fundamentals</i> (Audited) UCSanDiegoX DSE220x, University of California San Diego via edX	2018
<i>Introduction to Artificial Intelligence (AI)</i> (Audited) DAT263x, Microsoft via edX	2018
<i>Software Freedom Law Center Fall Conference</i> (Seminar) New York CLE, Columbia University	2017
<i>Mozilla &amp; Stanford HCI Open Design Drive</i> (Design Team) Accessibility design via Slack	2017
<i>Cybersecurity Due Diligence in Technology M&amp;A Transactions</i> (Seminar) American Bar Association CLE, Yale University	2017
<i>Artificial Intelligence (AI)</i> (Audited) ColumbiaX CSMM.101x, Columbia University via edX	2017
<i>International Courts and Tribunals in The Hague</i> (Audited) Universiteit Leiden via Coursera	2017
<i>MakeHaven Make-A-Thon</i> (Hackathon) MakeHaven makerspace, New Haven, Connecticut	2016
<i>Cybersecurity: Technology, Application and Policy</i> (Verified Certificate) MITProfessionalX CSx, Massachusetts Institute of Technology via edX	2016
<i>USCIS SEVP Developer Meeting</i> (Seminar) Discussion of SEVIS software, Arlington, Virginia	2016
<i>Licensing &amp; Conflict of Interest 101</i> (Seminar) Yale Entrepreneurial Institute	2016

	<i>Surveillance Law</i> (Audited)	2015
	Facilitated by Prof. Jonathan Meyer, Stanford Law School via Coursera	
	<i>Computer Science and Programming Using Python</i> (Verified Certificate)	2015
	MITx 6.00.1x, Massachusetts Institute of Technology via edX	
	<i>GPL Enforcement and Legal Ethics</i> (Seminar)	2014
	Free Software Foundation seminar at Suffolk University Law School	
	<i>Constitutional Law</i> (Verified Certificate)	2014
	Facilitated by Prof. Akhil Reed Amar, Yale Law School via Coursera	
	<i>Introduction to Linux</i> (Verified Certificate)	2014
	LFS101x, Linux Foundation via edX	
<b>PROFESSIONAL AFFILIATIONS</b>	Mensa International, Lincolnshire, England, UK	
	<i>Member</i>	2023 – Present
	Oxford Blockchain Foundation, Oxford, England, UK	
	<i>Member</i>	2022 – Present
	World Wide Web Consortium (W3C) Social Web Working Group, Cambridge, Massachusetts, USA	
	<i>Member</i>	2022 – Present
	Institute of Electrical and Electronics Engineers (IEEE) Computer Society, Los Alamitos, California, USA	
	<i>Member #98167424</i>	2022 – Present
	IEEE Technical Committees - “SA Open Source”, “Cyber Security”, “Blockchain”, Piscataway, New Jersey, USA	
	<i>Member #98167424</i>	2022 – Present
	International Information System Security Certification Consortium (ISC) <sup>2</sup> , Clearwater, Florida, USA	
	<i>Candidate</i>	2022 – Present
	Project Management Institute, Newtown Square, Pennsylvania USA	
	<i>Member</i>	2022 – Present
	Project Management Institute - Southern New England Chapter, West Hartford, Connecticut, USA	
	<i>Member</i>	2022 – Present
	Linux Foundation, San Francisco, California, USA	
	<i>Member</i>	2022 – Present
	National Cyberwatch Center, Largo, Maryland, USA	
	<i>Student Association Faculty Member</i>	2021 – Present
	Multidisciplinary Academic Grants In Cryptocurrencies (MAGIC), Boulder, Colorado, USA	
	<i>Monero Fund Voter</i>	2021 – Present
	International Association of Privacy Professionals (IAPP), Portsmouth, New Hampshire, USA	
	<i>Higher Education Member</i>	2020 – Present
	National Lawyer’s Guild (NLG) - “Animal Law Project”, “Anti-Racism Committee”, “Environmental Justice Committee”, “Mass Defense”, New York, New York, USA	
	<i>Legal Observer</i>	2020 – Present
	Electronic Frontier Foundation (EFF), San Francisco, California, USA	
	<i>Member</i>	2013 – Present
	MakeHaven Makerspace, New Haven, Connecticut, USA	
	<i>Member</i>	2012 – Present
	OpenJS Foundation, San Francisco, California, USA	
	<i>Member</i>	2022 – 2023

Unicode Consortium, Mountain View, California, USA <i>Member</i>	2022 – 2023
Association for Data and Cyber Governance (ADCG), Arlington, Virginia, USA <i>Member</i>	2021 – 2022
National Defense Industrial Association (NDIA), Arlington, Virginia, USA <i>Member</i>	2021 – 2022
Tsai Center for Innovative Thinking at Yale (Tsai CITY), New Haven, Connecticut, USA <i>Mentor</i>	2019 – 2023
OpSecEdu, Bend, Oregon, USA <i>Advisor</i>	2019 – 2022
Yale Center for Engineering Innovation & Design (Yale CEID), New Haven, Connecticut, USA <i>Member</i>	2017 – 2022
Free Software Foundation (FSF) High Priority Projects Committee, Boston, Massachusetts, USA <i>Chair</i>	2020 – 2021
Free Software Foundation (FSF), Boston, Massachusetts, USA <i>Member</i>	2009 – 2021
Greater Nashville Technology Council (NTC), Nashville, Tennessee, USA <i>Member</i>	2019 – 2020
Prepared App, New York, New York, USA <i>Advisor</i>	2019 – 2020
Mozilla Open Leaders, San Francisco, California, USA <i>Mentor</i>	2019
FreedomBox Foundation, New York, New York, USA <i>Network Manager</i>	2019
International Organization for Standardization (ISO) PC 317 Technical Advisory Group, “Privacy by Design”, Washington, D.C., USA <i>Member</i>	2019
Organization for the Advancement of Structured Information Standards (OASIS) Technical Committees - “Cyber Threat Intelligence”, “Emergency Management Adoption”, “Legal Citation Markup”, Burlington, Massachusetts, USA <i>Member</i>	2019
Mozilla Open Leaders, San Francisco, California, USA <i>Open Leader</i>	2018
World Wide Web Consortium (W3C) Data Privacy Vocabularies & Controls, Cambridge, Massachusetts, USA <i>Member</i>	2018
MakeHaven Makerspace, New Haven, Connecticut, USA <i>Board Member</i>	2015 – 2018
Downtown Evening Soup Kitchen (DESK), New Haven, Connecticut, USA <i>Board Member</i>	2014 – 2015
NAFSA Association of International Educators, Washington, D.C., USA <i>Member</i>	2013 – 2014
Connecticut Association of Professional Financial Aid Administrators (CAPFAA), West Hartford, Connecticut, USA <i>Member</i>	2008 – 2013
University of Connecticut Software Licensing Group, Storrs, Connecticut, USA <i>Member</i>	2006 – 2013

<b>INTERESTS</b>	I am an avid homebrewer of beer, wine, and cider. I am a certified bartender (CT SMART 2005, PSCC 2014, TIPS 2015) and continue to learn more about craft breweries, wine, and spirits (Cicerone CBS 2014, PSCC Advanced Wine 2014, PSCC Advanced Liquor 2014).	
<b>REFERENCES</b>	<b>Scott J. Shapiro</b>	<a href="https://law.yale.edu/scott-j-shapiro">https://law.yale.edu/scott-j-shapiro</a> <i>Charles F. Southmayd Professor of Law and Professor of Philosophy at Yale Law School</i>
	<b>Ben Wizner</b>	<a href="https://www.aclu.org/bio/ben-wizner">https://www.aclu.org/bio/ben-wizner</a> <i>Director of the American Civil Liberties Union (ACLU) Speech, Privacy, and Technology Project</i>
	<b>Laurin Weissinger</b>	<a href="https://www.laurinw.com">https://www.laurinw.com</a> <i>Lecturer, Fletcher School at Tufts University, Cybersecurity Fellow and Visiting Fellow, Information Society Project at Yale Law School</i>
	<b>Nikolas Guggenberger</b>	<a href="https://law.yale.edu/nikolas-guggenberger-0">https://law.yale.edu/nikolas-guggenberger-0</a> <i>Assistant Professor of Law at the University of Houston Law Center, former Executive Director, Information Society Project at Yale Law School</i>
	<b>Lucia M. Sommerer</b>	<a href="https://www.uni-goettingen.de/en/534866.html">https://www.uni-goettingen.de/en/534866.html</a> <i>Researcher and Teaching Fellow at the University of Göttingen, Affiliated Fellow, Information Society Project at Yale Law School</i>
	<b>Joshua Gay</b>	<a href="https://opensource.ieee.org/jgay">https://opensource.ieee.org/jgay</a> <i>Senior Manager, SA Open Source Community and Infrastructure at IEEE, former Licensing and Compliance Manager at the Free Software Foundation</i>