

# Sean O'Brien

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EDUCATION	<b>University of South Africa</b> , Pretoria, Gauteng, ZA	
	Ph.D. Student, Law	Current
	Focus: Technology and Comparative International Law	
EDUCATION	<b>University of Connecticut</b> , Storrs, Connecticut, USA	
	M.A.Ed., Educational Technology	2008
	Focus: Command Line Literacy	
EDUCATION	B.A., Interactive Digital Media	2005
	Concentration: Creative Writing	
EXPERIENCE	<b>Yale University</b> , New Haven, Connecticut, USA	
	<b>Lecturer in Law, Yale Law School</b>	Beginning Aug 2018
	Developing cybersecurity curriculum with Prof. Scott J. Shapiro for a class in Fall 2018. Hands-on learning via Raspberry Pi, Debian GNU/Linux, Freedombox, and Kali Linux penetration testing. Development of custom software, network topology, and lab design.	
	<b>Visiting Fellow, Privacy Lab at Yale Law School</b>	Jun 2017 – Present
	Founder of this initiative of the Information Society Project, focusing on privacy and security. Digital forensic analysis of Android applications, with press in 80+ international news outlets. Design of cybersecurity and Surveillance Self-Defense curriculum, emphasis on censorship circumvention.	
EXPERIENCE	<b>Asst. Director for Technology, Office of International Students &amp; Scholars</b>	Jan 2013 – Present
	Drupal development and design of custom Web applications. Deployment of middleware for various systems and databases (fsaATLAS, Banner). Improvement of inter-office communication (Jabber/XMPP, wikis, phpBB).	
EXPERIENCE	<b>University of Connecticut</b> , Storrs, Connecticut, USA	
	<b>Website Manager, Student Financial Aid Services</b>	Aug 2001 – Jan 2013
	Design and maintenance of multiple websites, blogs, and wikis. Systems administration with GNU/Linux and Apache, desktop repair and troubleshooting. Development of custom Web applications, integration with Oracle/PeopleSoft.	
TECHNICAL SKILLS	<i>Development:</i> HTML, CSS, jQuery, Angular, React, Node, Bootstrap, PHP, Ruby, Python	
	<i>Content Management:</i> Drupal, WordPress, MediaWiki, Ghost	
	<i>Data:</i> MySQL/MariaDB, PostgreSQL, MongoDB, JSON, XML, R	
	<i>Servers:</i> GNU/Linux (Ubuntu, Debian, SuSE, Red Hat), Unix, Windows Server	
	<i>Office:</i> LibreOffice/OpenOffice, MS Office, Adobe Acrobat, L <sup>A</sup> T <sub>E</sub> X	
	<i>Graphics:</i> GIMP, Inkscape, Adobe Creative Suite (Photoshop, Illustrator, InDesign)	
	<i>Desktop &amp; Mobile:</i> Ubuntu, Debian, Windows, Mac OSX, Android, iOS	
PRESS & PUBLICATIONS	“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>Motherboard/VICE</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>Motherboard/VICE</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; PRESENTATIONS</b>	“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”, LibrePlanet Conference, MIT <i>Invited Speaker</i>	Mar 2018
	“Resolved: Protect Net Neutrality”, Yale Political Union <i>Invited Speaker</i>	Jan 2018
	“Cyber Freedom & Security”, Information Society Project at Yale Law School <i>Teacher</i>	Fall 2017
	“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
	“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
	“Citizen FOSS: What Snowden Knew”, Information Society Project at Yale Law School <i>Teacher</i>	Spring 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

**CONTINUING  
EDUCATION**

<i>Understanding EU Privacy Law and GDPR</i> (Audited) Reading group at Yale Law School, Yale University	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>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>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>Surveillance Law</i> (Audited) Facilitated by Prof. Jonathan Meyer, Stanford Law School via Coursera	2015
<i>Computer Science and Programming Using Python</i> (Verified Certificate) MITx 6.00.1x, Massachusetts Institute of Technology via edX	2015
<i>GPL Enforcement and Legal Ethics</i> (Seminar) Free Software Foundation seminar at Suffolk University Law School	2014
<i>Constitutional Law</i> (Verified Certificate) Facilitated by Prof. Akhil Reed Amar, Yale Law School via Coursera	2014

	<i>Introduction to Linux</i> (Verified Certificate) LFS101x, Linux Foundation via edX	2014
	Linux Foundation Certified Engineer (LFCE) Certified Ethical Hacker (CEH) Linux Foundation Certified Sysadmin (LFCS)	Currently Pursuing 2018 Currently Pursuing 2018 Currently Pursuing 2018
<b>PROFESSIONAL AFFILIATIONS</b>	W3C Data Privacy Vocabularies & Controls Community Group, Cambridge, Massachusetts, USA Member	2018 – Present
	Free Software Foundation, Boston, Massachusetts, USA Member	2009 – Present
	MakeHaven Makerspace, New Haven, Connecticut, USA Board Member	2015 – 2018
	Downtown Evening Soup Kitchen, New Haven, Connecticut, USA Board Member	2014 – 2015
	NAFSA Association of International Educators, Washington D.C., USA Member	2013 – 2014
	University of Connecticut Software Licensing Group, Storrs, Connecticut, USA Member	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 Knowledge 2014, PSCC Advanced Liquor Knowledge 2014).	
<b>REFERENCES</b>	<b>Rebecca Crootof</b> <i>Executive Director, Information Society Project at Yale Law School</i>	rebecca.crootof@yale.edu
	<b>Joshua Gay</b> <i>Communications Director, Tor Project</i>	jgay@torproject.org
	<b>Sohrob Kazerounian</b> <i>Senior Research Scientist, Vectra Networks</i>	sohrob.kazerounian@gmail.com
	<b>Valerie Belair-Gagnon</b> <i>Former Executive Director, Information Society Project at Yale Law School</i>	vbg@umn.edu