

## Education

**Northeastern University**

Boston, MA

Ph.D. in Cybersecurity

Sep 2019-present

Research topics in privacy and law, focus on online manipulation and user/consumer protections

- Coursework in networking, software and network security, risk management, privacy law

M.S. in Cybersecurity

May 2020

ALIGN NSF Scholar, Dean's Scholarship

Graduate Certificate in Computer Science

May 2018

ALIGN NSF Scholar, Dean's Scholarship

B.A. *summa cum laude* in Political Science and International Affairs

May 2017

Excellence Scholarship, Huntington 100, Sean Patrick O'Rourke Scholar, Pi Sigma Alpha

## Teaching Experience

**Northeastern University**

Boston, MA

Teaching Assistant, Khoury College of Computer Sciences

Spring 2020, 2021

- Assisted in assignment design, grading for CY4170: The Law, Ethics, and Policy of Digital Technologies

Curriculum Developer, ALIGN High School Outreach

Oct 2019-Apr 2020

- Developed and delivered introductory lectures on Cybersecurity/Internet Routing for high school students

## Work Experience

**Northeastern University**

Boston, MA

Research Assistant, School of Law

Sep 2020-present

- Consolidate information for reports on privacy topics; draft suggested priorities for obscurity theory

Research Assistant, Khoury College of Computer Sciences

Sep 2019-present

- Conduct empirical research on dark patterns, online manipulation, and privacy topics
- Draft project proposals and research content; perform literature reviews of relevant work

**Rapid7, LLC**

Boston, MA

Technical/UX Writer for Komand &amp; InsightConnect

Apr 2018-Aug 2019

- Managed and drafted 70+ pages of customer-facing docs for two security automation products
- Analyzed weaknesses in, improved, and rebuilt information architecture for legacy on-premise product
- Assisted UX researchers with qualitative and quantitative interviews and survey design for docs needs
- Collaborated with and ran stakeholder meetings for engineering, design, product, and research teams

**Akamai Technologies**

Cambridge, MA

Technical Writer (Network Standards)

Jun 2017-Mar 2018

- Drafted internal network hardware installation and maintenance procedures for field technicians
- Improved legacy documentation and information architecture in MediaWiki
- Collaborated with Network Infrastructure Engineers, field technicians, and network design teams

**Smartleaf, Inc.**

Cambridge, MA

Junior Technical Writing &amp; Product Management Associate

Jan 2016-May 2017

- Managed documentation process for quarterly client-facing Asset Management performance reports
- Drafted internal product and development specs for front-end development team

**68<sup>th</sup> Japan-America Student Conference (International Student Conferences, Inc.)**

(Remote) Washington, D.C.

Executive Committee Vice-Chair, Boston Site Coordinator

Aug 2015-Aug 2016

- Co- led 16 international committee members to execute month-long conference with \$125,000 budget
- Developed inaugural Social Entrepreneurship Intensive pitch contest program

Work Experience (cont.)	<b>Wellington Management Company LLP</b> <span>Boston, MA</span> Legal and Compliance Co-op <span>Jan 2015-Jul 2015</span> <ul style="list-style-type: none"> <li>Built automated Excel processes for new account amendments and broker performance benchmarking</li> <li>Advised brokers on investment guidelines, FATCA tax information, and Dodd-Frank adherence for accounts</li> </ul>
	<b>Millward Brown Digital</b> <span>Boston, MA</span> Digital Marketing Co-op <span>Jan 2014-Jul 2014</span> <ul style="list-style-type: none"> <li>Drafted and published original thought leadership content</li> <li>Monitored, edited, and formatted WordPress blog and all company-affiliated social media channels</li> <li>Interpreted Google Analytics and SproutSocial data to adjust and create digital/social campaigns</li> <li>Initiated product rationalization framework project</li> </ul>
	<b>Next Mile Project (Dhar Law LLP)</b> <span>Boston, MA</span> Marketing Intern <span>Sep 2013-Dec 2013</span> <ul style="list-style-type: none"> <li>Designed, set up, and maintained WordPress.com website using HTML5/CSS knowledge</li> <li>Provided written pieces for the blog and monitored brand relationships via Facebook</li> <li>Coordinated media/marketing strategy for a coalition of several nonprofits</li> <li>Provided continued remote HTML/CSS support through Apr 2014</li> </ul>
Publications	<b>Book Chapters</b> <a href="#">The Case of the Nosy Neighbors</a> <span>Jan 2021</span> <i>MIT Case Studies in Social and Ethical Responsibilities of Computing</i> Johanna Gunawan and Woodrow Hartzog
	<b>Legal Scholarship</b> COVID-19 and the Pandemic of Treacherous Technologies <span>Forthcoming, May 2021</span> Seton Hall Law Review Symposium Book on Privacy, Healthcare, and Artificial Intelligence Johanna Gunawan, David Choffnes, Woodrow Hartzog, Alan Mislove, and Christo Wilson
	<b>Workshop Papers</b> <a href="#">Towards an Understanding of Dark Pattern Privacy Harms</a> <span>Apr 2021</span> CHI Workshop, “What Can CHI Do About Dark Patterns?” Johanna Gunawan, David Choffnes, Woodrow Hartzog, and Christo Wilson
	<b>Articles/Op-Eds</b> <a href="#">Beware of Apps Bearing Gifts in a Pandemic</a> <span>Aug 2020</span> <i>Berkman Klein Collection (Medium)</i> Woodrow Hartzog, Johanna Gunawan, David Choffnes, and Christo Wilson
Talks and Panels	<b>Panelist</b> What are Dark Patterns and Why are they Employed? (Panel 1) <span>Apr 2021</span> Federal Trade Commission Workshop, <a href="#">Bringing Dark Patterns to Light</a>
	COVID-19 and the Pandemic of Treacherous Technologies <span>Nov 2020</span> Seton Hall Law Review <a href="#">Symposium on Privacy, Healthcare, and Artificial Intelligence</a>
Skills and Knowledge	<b>Technologies:</b> Programming (Python, C, Java, bash, minor Rust experience), Markup (HTML, Markdown, LaTeX, MediaWiki), some Docker experience, Presentations (MS Powerpoint, Google Slides), Word processing (MS Word, LaTeX, ReadMe, Scrivener), Agile (JIRA Kanban/SCRUM) – some experience with Trello and Asana, Design/UX (Invision, Sketch)  <b>Professional Skills:</b> Oral and written communication; public speaking; academic, technical, and UX writing; quantitative and qualitative research; familiarity with SDLC  <b>Familiarity with Regulations/Frameworks:</b> NIST 800-53, NIST CSF, ISO Common Criteria, SANS Security Policies, GDPR, U.S. privacy and data laws (CCPA/CRPA, BIPA, HIPAA, COPPA, ECPA, GLBA)