

Affiliations	Maastricht University/Universiteit Maastricht Assistant Professor in Law and CS, Law and Tech Lab, Faculty of Law Maastricht, Netherlands Jul 2024-present
Education	Northeastern University Ph.D. in Cybersecurity M.S. in Cybersecurity + Post-baccalaureate Certificate in Computer Science ALIGN NSF Scholar, Dean's Scholarship B.A. <i>summa cum laude</i> in Political Science and International Affairs Excellence Scholarship, Huntington 100, Sean Patrick O'Rourke Scholar, Pi Sigma Alpha Boston, MA Sep 2019-Jul 2024 May 2020 May 2017
Teaching	Northeastern University Teaching Assistant, Khoury College of Computer Sciences CY4170 The Law, Ethics, and Policy of Data and Digital Technologies <ul style="list-style-type: none"> Designed and delivered midterm and weekly assignments Graded student work and facilitated student success through office hours and one-off advising Delivered class material for case study discussions, writing skills, and career development Curriculum Developer for ALIGN High School Outreach Program <ul style="list-style-type: none"> Developed and delivered introductory lectures on cybersecurity/BGP routing for high school students Boston, MA Spring 2020, 2021, 2022 Oct 2019-Apr 2020
Publications	Refereed Journal and Conference Articles Promises, Promises: Understanding Claims Made in Social Robot Consumer Experiences <i>ACM Conference on Human Factors in Computing Systems (CHI'25)</i> Johanna Gunawan , Sarah Elizabeth Gillespie, David Choffnes, Woodrow Hartzog, Christo Wilson Forthcoming 2025 <u>Gig Work at What Cost? Exploring Privacy Risks of Gig Work Platform Participation in the U.S.</u> <i>Privacy Enhancing Technologies Symposium (PETS'25)</i> Amogh Pradeep, Johanna Gunawan , Alvaro Feal, David Choffnes Forthcoming 2025 <u>Understanding Dark Patterns in Home IoT Devices</u> <i>ACM Conference on Human Factors in Computing Systems (CHI'23)</i> Monica Kowalczyk*, Johanna Gunawan* , Daniel Dubois, David Choffnes, Woodrow Hartzog, & Christo Wilson Referenced by <u>Consumer Reports</u> and <u>Stacy on IoT (Podcast)</u> Apr 2023 <u>Exploring Deceptive Design Patterns in Voice Interfaces</u> <i>European Symposium on Usable Security (EuroUSEC'22)</i> Kentrell Owens, Johanna Gunawan , Pardis Emami-Naeini, David Choffnes, Tadayoshi Kohno, Franziska Roesner Sep 2022 <u>A Comparative Study of Dark Patterns Across Mobile and Web Modalities</u> <i>ACM Conference for Computer Supported Cooperative Work and Social Computing (CSCW'21)</i> Johanna Gunawan , Amogh Pradeep, David Choffnes, Woodrow Hartzog, and Christo Wilson Referenced by <u>OECD</u> , <u>UK Competition and Markets Authority</u> , <u>US FTC</u> , <u>Testimony to U.S. House</u> Oct 2021 Book Chapters <u>The Case of the Nosy Neighbors</u> <i>MIT Case Studies in Social and Ethical Responsibilities of Computing</i> Johanna Gunawan and Woodrow Hartzog Jan 2021 Legal Scholarship/Law Review Articles [FORTHCOMING] <u>Dark Patterns as Design Loyalty</u> <i>Indiana Law Journal 2024 Symposium Issue, Law and Technology at a Crossroads</i> Johanna Gunawan , Woodrow Hartzog, Neil Richards, David Choffnes, and Christo Wilson 2025

	COVID-19 and the Pandemic of Treacherous Technologies Published in <i>Seton Hall Law Review Vol. 51 Iss. 5</i> , presented at SHLR Symposium Nov. 2020 Johanna Gunawan , David Choffnes, Woodrow Hartzog, Alan Mislove, and Christo Wilson	May 2021
	Contributions to Reports and Comments Public Comment submitted to the FTC <i>In response to Trade Regulation Rule on Commercial Surveillance and Data Security ANPR</i>	Nov 2022
	Public Comment submitted to the FTC by Princeton CITP on behalf of undersigned researchers <i>In response to Digital Advertising Business Guidance Request for Information</i>	Aug 2022
	Workshop Papers What Evidence is Needed to Prove the Existence of Dark Patterns? ACM CHI Workshop, "Designing Technology and Policy Simultaneously" Johanna Gunawan , Colin Gray, Cristiana Santos, and Nataliaia Bielova	Apr 2023
	Towards an Understanding of Dark Pattern Privacy Harms ACM CHI Workshop, "What Can CHI Do About Dark Patterns?" Johanna Gunawan , David Choffnes, Woodrow Hartzog, and Christo Wilson	Apr 2021
Employment	Max Planck Institute for Security and Privacy Visiting Scholar Intern, Human-Centered Security and Privacy Group (PI: Yixin Zou) <ul style="list-style-type: none"> Ongoing user privacy and consumer protections research 	Bochum, DE May 2023-Jul 2023
	Vimeo Intern, Security – Governance, Risk, Compliance, & Privacy <ul style="list-style-type: none"> Conducted insurance and security documentation audit for third-party risks Edited and drafted external trust and security documentation Drafted and published internal privacy and security education content Assessed, logged, and automated third-party assessment processes across stakeholder needs Answered SIG2022 questionnaire items and logged resource dataset for security questionnaires 	New York City, NY (Remote) Jun 2022-Aug 2022
	Common Sense Media Privacy Intern <ul style="list-style-type: none"> Read and evaluated technology privacy policies for over 100 questions in evaluation against requirements for COPPA, FERPA, and other privacy regulations Interpreted results from evaluations dataset and drafted analysis sections for State of Kids Privacy Report Drafted, researched, and edited privacy articles for vendor, educator, and parent audiences Edited Streaming Devices Report (mentioned in NYT), conference presentations Consulted on upcoming privacy projects, including VR/AR 	San Francisco, CA (Remote) Jun 2021-Sep 2021
	Rapid7, LLC Technical/UX Writer for Komand & InsightConnect product team <ul style="list-style-type: none"> Managed documentation projects for and drafted 70+ pages of knowledge base material/help docs for two versions of security automation product Rebuild and improved documentation information architecture for legacy on-premise product Collaborated with UX research team on survey design and qualitative/quantitative interviews Ran cross-functional meetings with engineering, sales, marketing, product management, UX design, and UX research for identifying and delivering documentation needs and projects 	Boston, MA Apr 2018-Aug 2019
	Akamai Technologies Technical Writer (Network Standards) <ul style="list-style-type: none"> 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 	Cambridge, MA Jun 2017-Mar 2018

Smartleaf, Inc.

Cambridge, MA

Junior Technical Writing & 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

Wellington Management Company LLP

Boston, MA

Legal and Compliance Co-op

Jan 2015-Jul 2015

- Built automated Excel processes for new account amendments and broker performance benchmarking
- Advised brokers on investment guidelines, FATCA tax information, and Dodd-Frank adherence for accounts

Millward Brown Digital

Boston, MA

Digital Marketing Co-op

Jan 2014-Jul 2014

- Drafted and published original thought leadership content, initiated product rationalization framework
- Monitored, edited, and formatted WordPress blog and all company-affiliated social media channels
- Interpreted Google Analytics and SproutSocial data to adjust and create digital/social campaigns

Next Mile Project (Dhar Law LLP)

Boston, MA

Marketing Intern

Sep 2013-Dec 2013

- Designed, set up, and maintained WordPress.com website with HTML5/CSS
- Drafted blog articles and maintained Facebook branding
- Coordinated media/marketing strategy for a coalition of several nonprofits
- Provided continued remote HTML/CSS support through Apr 2014

Speaking**Accepted Talks and Sessions***At the 8th Workshop for Technology and Consumer Protection (ConPro'24):*

May 2024

Privacy Behaviors and Perceptions of LGBTQ+ Community in Türkiye

Devris Isler, **Johanna Gunawan**

Design Loyalty Approaches for Dark Patterns

Johanna Gunawan, Woodrow Hartzog, David Choffnes, Christo Wilson (*with Neil Richards*)

SoK: Towards Collaborative Evidence Collection for Dark Patterns Enforcement

Cristiana Santos **Johanna Gunawan**, Colin Gray, and Nataliia Bielova**Invited Talks and Lectures**

Dark Patterns as Disloyal Design

Mar 2024

Wash.U and Sorbonne Transatlantic Technology Law Seminar

Design, Privacy, and the Law

Nov 2023

Northeastern University, CS4973 Special Topics: Technology Regulations in Digital Platforms

A Tech Policy Primer for CS Students

May 2023

Northeastern University, CS4973 Special Topics: Responsible Machine Learning

Towards User (Design) Protections

Oct, Dec 2023

Tufts University, CS 152-1 Human Factors in Security and Privacy

University of Iowa, Junior Academics in Social Computing and Privacy Policy

Service

Internal Reviewing/Program Committee Member

Privacy Enhancing Technology Symposium (PETS)	2024, 2025
USENIX Security	2025
ACM Computer and Communications Security (CCS), Security Usability and Measurement Track	2025
ACM Designing Interactive Systems Conference (DIS), Critical Computing & Design Theory Subcomm.	2025

External Reviewing

Book chapters, <i>Dark Patterns and Deceptive Design</i> (Edward Elgar Publishing)	2024
Digital Legal Talks (Tilburg Digital Legal Lab)	2024
ACM Conference on Human Factors in Computing Systems (CHI) Student Design Competition	2024
ACM Transactions on Social Computing (TSC)	2023
International Conference on Computational Computer Science (IC2S2)	2023, 2024
ACM Conference on Computer-Supported Cooperative Work (CSCW)	2023
ACM Conference on Human Factors in Computing Systems (CHI)	2022, 2023, 2025
ACM Symposium on User Interface Software and Technology (UIST)	2022, 2023
Privacy Enhancing Technology Symposium (PETS)	2022

Conference and Workshop Organizing

Mobilizing Research and Regulatory Actions on Dark Patterns & Deceptive Design Practices (CHI Workshop)	2024
Dark Patterns and the Emerging Threats of Deceptive Design Practices (CHI SIG)	2023
Privacy Law Scholars Conference (PLSC), Lead Student Volunteer	2022
Privacy Law Scholars Conference (PLSC), Student Volunteer	2021
68 th Japan-America Student Conference, Vice Chairperson and Entrepreneurship Pitch Contest Chair	2016

Committees and Volunteering

Ph.D. in Cybersecurity Committee, Student Member	2022, 2023-2024
ALIGN Master's in Computer Science Recruitment, Student Ambassador	2018-2020

Mentoring

Princessa Cintagia, B.S. in Economics at University of Indonesia (now PhD student at Boston U.)	c/o 2024
Tim Swierzewski, M.S. in Computer Science (Khoury MS Apprentice)	c/o 2023
Jonathan Chery, M.S. in Computer Science (MS in Cybersecurity at Northeastern U.)	c/o 2021
Maryam Motallebi, independent researcher (now PhD student in Computer Science at Northeastern U.)	c/o 2021
Monica Kowalczyk, B.S. in Cybersecurity and Criminal Justice	c/o 2024

Skills & Knowledge

Technologies: Programming (Python, C, JavaScript, bash), Data Analysis (numpy, pandas, seaborn, matplotlib, scikit), Markup (HTML, Markdown, LaTeX, MediaWiki), Presentations (MS Powerpoint, Google Slides), Word processing (MS Word, LaTeX, ReadMe, Scrivener), Agile (JIRA Kanban/SCRUM), Design/UX (Invision, Sketch), Web Development (Django/Python, Jekyll)

Professional Skills: Oral and written communication; public speaking and presentations; academic, technical, and UX writing; quantitative and qualitative research; project management

Familiarity with Regulations/Frameworks: NIST 800-53, ISO Common Criteria, SANS Security Policies, E.U. data and digital services laws (GDPR, DSA, DMA, AI Act, etc.), U.S. privacy and data laws (CCPA/CPRA, BIPA, HIPAA, COPPA, FERPA, etc.), SIG questionnaires