

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, USA Sep 2019-Jul 2024 May 2020 May 2017
Teaching	Maastricht University Course Coordinator and Lecturer, Faculty of Law Spring Introduction to Modern Computing; Networks, Security, and Regulation Maastricht, NL 2025 Northeastern University Teaching Assistant, Khoury College of Computer Sciences CY4170 The Law, Ethics, and Policy of Data and Digital Technologies Boston, MA, USA Spring 2020, 2021, 2022 Curriculum Developer for ALIGN High School Outreach Program Lectures on cybersecurity/BGP routing Oct 2019-Apr 2020
Publications	Refereed Journal and Conference Articles [FORTHCOMING] Towards... Factors in Identifying Dark Pattern Autonomy Violations under the EU DSA ACM Designing Interactive Systems Conference (DIS) Sanju Ahuja, Johanna Gunawan , Nataliia Bielova, Cristiana Santos 2025 [FORTHCOMING] "An Ad Posing as Medical Device": User Accounts of Dark UX in FemTech mHealth Apps ACM International Conference on Mobile Human-Computer Interaction Ghada Alsebayel, Giovanni Troiano, Johanna Gunawan , Herman Saksono, Casper Harteveld 2025 Promises, Promises: Understanding Claims Made in Social Robot Consumer Experiences ACM Conference on Human Factors in Computing Systems (CHI'25) Johanna Gunawan , Sarah Elizabeth Gillespie, David Choffnes, Woodrow Hartzog, Christo Wilson May 2025 Gig Work at What Cost? Exploring Privacy Risks of Gig Work Platform Participation in the U.S. Privacy Enhancing Technologies Symposium (PETS'25) Amogh Pradeep, Johanna Gunawan , Alvaro Feal, David Choffnes Jul 2025 Understanding Dark Patterns in Home IoT Devices ACM Conference on Human Factors in Computing Systems (CHI'23) Monica Kowalczyk*, Johanna Gunawan* , Daniel Dubois, David Choffnes, Woodrow Hartzog, & Christo Wilson Referenced by Consumer Reports and Stacy on IoT (Podcast) Apr 2023 Exploring Deceptive Design Patterns in Voice Interfaces European Symposium on Usable Security (EuroUSEC'22) Kentrell Owens, Johanna Gunawan , Pardis Emami-Naeini, David Choffnes, Tadayoshi Kohno, Franziska Roesner Sep 2022 A Comparative Study of Dark Patterns Across Mobile and Web Modalities ACM Conference for Computer Supported Cooperative Work and Social Computing (CSCW'21) Johanna Gunawan , Amogh Pradeep, David Choffnes, Woodrow Hartzog, and Christo Wilson Referenced by OECD , UK Competition and Markets Authority , US FTC , Testimony to U.S. House Oct 2021

Book Chapters

The Case of the Nosy Neighbors

Jan 2021

MIT Case Studies in Social and Ethical Responsibilities of Computing

Johanna Gunawan and Woodrow Hartzog

Legal Scholarship/Law Review Articles

[FORTHCOMING] Dark Patterns as Design Loyalty

2025

Indiana Law Journal 2025 Symposium Issue, Law and Technology at a Crossroads

Johanna Gunawan, Woodrow Hartzog, Neil Richards, David Choffnes, and Christo Wilson

[FORTHCOMING] Leveraging Interdisciplinary Methods for Evidence Collection in Enforcement

2025

Internet Policy Review: Interdisc. Research & Methods in Public Interest Cybersec., Priv., & Digital Rights Gov.

Johanna Gunawan, Colin Gray, Cristiana Santos, and Nataliia Bielova

Privacy Nicks: How the Law Normalizes Surveillance

Feb 2024

Washington University Law Review, vol. 101

Woodrow Hartzog, Evan Selinger, and **Johanna Gunawan**

The COVID-19 Pandemic and the Technology Trust Gap

May 2021

Published in *Seton Hall Law Review* Vol. 51 Iss. 5, presented at SHLR Symposium Nov. 2020

Johanna Gunawan, David Choffnes, Woodrow Hartzog, Alan Mislove, and Christo Wilson

Contributions to Reports and Comments

Public Comment submitted to the FTC

Nov 2022

In response to *Trade Regulation Rule on Commercial Surveillance and Data Security ANPR*

Public Comment submitted to the FTC by Princeton CTP on behalf of undersigned researchers

Aug 2022

In response to *Digital Advertising Business Guidance Request for Information*

Workshop Papers

What Evidence is Needed to Prove the Existence of Dark Patterns?

Apr 2023

ACM CHI Workshop, "Designing Technology and Policy Simultaneously"

Johanna Gunawan, Colin Gray, Cristiana Santos, and Nataliia Bielova

Towards an Understanding of Dark Pattern Privacy Harms

Apr 2021

ACM CHI Workshop, "What Can CHI Do About Dark Patterns?"

Johanna Gunawan, David Choffnes, Woodrow Hartzog, and Christo Wilson

Articles/Op-Eds

Beware of Apps Bearing Gifts in a Pandemic

Aug 2020

Berkman Klein Collection (Medium)

Woodrow Hartzog, **Johanna Gunawan**, David Choffnes, and Christo Wilson

Prior Employment

Max Planck Institute for Security and Privacy

Bochum, DE

Visiting Scholar Intern, Human-Centered Security and Privacy Group (PI: Yixin Zou)

May 2023-Jul 2023

- Conducted privacy and consumer protections research
- Mentored undergraduate student(s)

Vimeo

New York City, NY, US (Remote)

Intern, Security – Governance, Risk, Compliance, & Privacy

Jun 2022-Aug 2022

- 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

Common Sense Media

San Francisco, CA, US (Remote)

Privacy Intern

Jun 2021-Sep 2021

- 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

Rapid7, LLC

Boston, MA, US

Technical/UX Writer for Komand & InsightConnect product team

Apr 2018-Aug 2019

- 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

Akamai Technologies

Cambridge, MA, US

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, US

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, US

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, US

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, US

Marketing Intern

Sep 2013-Dec 2013

- Designed, set up, and maintained WordPress.com website with HTML5/CSS

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

Training and Outreach

E-Enforcement Academy Masterclass: Subscription Economy and Product Safety

Jun 2025

Introduction to the Subscription Economy

Beyond the GPSR: AI Act Provisions for the Subscription Economy

Speaking (cont.)

Invited Talks and Lectures

Dark Patterns as Disloyal Design Wash.U and Sorbonne Transatlantic Technology Law Seminar	Mar 2024
Design, Privacy, and the Law Northeastern University, CS4973 Special Topics: Technology Regulations in Digital Platforms	Nov 2023
A Tech Policy Primer for CS Students Northeastern University, CS4973 Special Topics: Responsible Machine Learning	May 2023
Towards User (Design) Protections Tufts University, CS 152-1 Human Factors in Security and Privacy University of Iowa, Junior Academics in Social Computing and Privacy Policy	Oct, Dec 2023
Privacy: What is it? Northeastern University IDEAS Summer School	Jul 2022

Panelist

Exposing Privacy Risks in Generative AI Northeastern University, Arlington Campus	Apr 2024
Emerging Transdisciplinary Perspectives to Confront Dark Patterns CHI 2023 Panel	Apr 2023
Interfaces and Dark Patterns Panel Federal Trade Commission, PrivacyCon 2022	Nov 2022
What are Dark Patterns and Why are they Employed? (Panel 1) Federal Trade Commission Workshop, Bringing Dark Patterns to Light	Apr 2021

Service

Internal Reviewing/Program Committee Member

Privacy Enhancing Technology Symposium (PETS)	2024, 2025, 2026
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

Advising & Mentoring

Advising	Ishitaa Narwane, Ph.D. Student in Law, HCI, and AI, Maastricht University	2025-present
Mentoring	Princessa Cintaqia, 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