

Sebastian P. Rodriguez

Curriculum Vitae

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EDUCATION

2024 **B.Inf.**, Information Technology & Human-Computer Interaction
University of Toronto, Faculty of Information

AWARDS & HONOURS

2022 **Domain.com Award**, Give Back Hacks 3, Major League Hacking
2022 **Research Fellowship**, Critical Digital Humanities Initiative, University of Toronto
2021 **Best Paper Award**, Department of Historical Studies, University of Toronto Mississauga
2019 **Scholar's Award**, University of Toronto
2019 **Entrance Award**, University of Toronto
2019, 2017 **Gold Medal**, Columbia Scholastic Press Association, Columbia University

REFEREED PUBLICATIONS

2023 **Rodriguez, S.** "The United States of Surveillance: A Review of America's Mass Surveillance Laws, Programs, and Oversight." *IDEAH*, 3(2).
<https://ideah.pubpub.org/pub/v9cnwi34>

RESEARCH INTERESTS

- Human-computer interaction: user experience design, web design & development, user research, accessibility & universal design, deceptive design/dark patterns, usability heuristics.
- Digital sociology: ethical computing, data privacy & security, technology's power and privilege, digital literacy and pedagogy, critical digital humanities, participatory culture, digital consumerism.
- Surveillance studies: surveillance capitalism, mass surveillance, educational surveillance, sousveillance.

RESEARCH EXPERIENCE

2022–Present **Research Assistant, Visualization & Design**, Failure: Learning in Progress (FLIP)
University of Toronto; Supervisor: Dr. Fiona Rawle

- Developed a website hosting OERs for failure resiliency in higher education.
- Created brand guidelines, designed a matching custom WordPress theme.
- Conducted 8 usability tests with the website's target audience.
- Ensured the website's compliance with accessibility standards (WCAG & AODA).

- 2022 **Research Assistant**, Institute of Communication, Culture, Information & Technology
University of Toronto; Supervisor: Dr. Daniel Guadagnolo
- Conducted a critical literature review of manipulation in design and marketing.
 - Developed a website to help students identify and contextualise deceptive design.
 - Built curriculum for CCT109, an undergraduate course with 800+ students.

CONFERENCE POSTERS & PRESENTATIONS

- 2022 Iantorno, M., **Rodriguez, S.**, & Guadagnolo, D. "Dark Patterns: Deception & Manipulation
in User Experience Design." *Critical Digital Humanities International Conference*. University
of Toronto, Toronto, Canada.
- 2022 **Rodriguez, S.** "Dark Patterns: Where Marketing Meets Design" *Critical Digital Humanities
Initiative (CDHI) Emerging Scholar Showcase*. Virtual (Originally University of Toronto,
Toronto, Canada).
- 2021 **Rodriguez, S.** "An Overview of Mass Surveillance in the United States." *Digital Humanities
Summer Institute (DHSI) Conference and Colloquium*. Virtual (Originally University of
Victoria, Victoria, Canada).

PROFESSIONAL EXPERIENCE

- 2023–Present **Software Developer**, Scholars Education
- 2018–Present **Software Engineer & UX Designer**, Freelance
- 2020 **Director, Web Development**, ICCIT Council, University of Toronto
- 2019–2020 **Associate, Web Development & External Relations**, ICCIT Council, University of Toronto
- 2018 **Equity Research Analyst Intern**, Churchill Capital

TEACHING EXPERIENCE

Department of Computer Science & Engineering, The Browning School – Teaching Assistant

- Winter 2019 Advanced Computer Science Principles (AP-level), Grades 11 & 12
- Winter 2019 Computer Science II, Grade 8
- Winter 2019 Computer Science I, Grade 7
- Winter 2019 Computer Science, Grade 6
- Winter 2017 Engineering & Robotics, Grades 3 & 4
- Fall 2017 Engineering & Robotics, Grades 3 & 4

INSTITUTIONAL SERVICE & AFFILIATIONS

University of Toronto

2023–Present	Faculty of Information - Undergraduate Appeals Committee
2021–2022	Critical Digital Humanities Initiative (CDHI) - Surveillance, Race, & Empire Learning Community / Working Group
2019–2020	Institute of Communication, Culture, Information & Technology (ICCIT) Council - Web Development Team - Off-Campus External Relations Team
2019–2020	Equity Outreach Network (EON)

ACADEMIC ASSOCIATIONS

2022–Present	Association for Computing Machinery (ACM) [ID: 5423988] - Special Interest Group on Computer-Human Interaction (SIGCHI)
2022–Present	British Computing Society (BCS), The Chartered Institute for IT [ID: 995121155]
2022–Present	Society for Social Studies of Science (4S) [ID: 71399479]

QUALIFICATIONS

- **Programming Languages:** PHP, JavaScript, Python, C++, Ruby, HTML, CSS, SQL, Bash
- **Libraries & Frameworks:** Laravel, React, Vue.js, jQuery, WordPress, Node.js, Git, Tailwind CSS, Bootstrap
- **Design Practices & Tools:** Usability Testing, User Interviews, Accessibility & Universal Design, Affinity Diagramming, Wireframes and Prototypes, Design Thinking, Adobe Creative Suite, Figma

REFERENCES

Available upon request.