

# Daniel Goldelman

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## EDUCATION

**Wesleyan University** | *Master of Arts* | 2023-2024

Focus: Computer Science, GPA: 3.89/4.00

Thesis: *Global Adaptation of Privacy Pioneer: Recommendations for Conducting Cross-Regional Web Privacy Studies*

**Wesleyan University** | *Bachelor of Arts* | 2019-2023

Major: Computer Science, Minor: Engineering, GPA: 3.79/4.00

## PUBLICATION

Zimmeck, S., Goldelman, D., Kaplan, O., Brown, L., Casler, J., Jean-Charles, J., Champeau, J., & Harkous, H. (2024). *Website Data Transparency in the Browser*. Proceedings on Privacy Enhancing Technologies.

## WORK EXPERIENCE

**Privacy-Tech-Lab** | *Research Intern* | Mar. 2021-May 2024

- Led six-person project, in collaboration with Google's Research Division, informing users of invasive procedures and data collected by visited websites
- Independently developed secure, low overhead neural network models (BERT sequence classification LLM) exhibiting 9x speed, 49% F1 score improvement, and executed locally in the browser
- Designed systems to detect browser fingerprinting, cross site tracking, and invasive procedures through analysis of HTTP requests, exposing more than 20 hidden data points per website to users
- Conducted A/B testing and UX/UI studies to optimize development and maximize project quality

**OurCampus Wesleyan** | *Front End Lead Developer* | Dec. 2020-Dec. 2022

- Directed 5+ front end developers, assigned tasks, led team discussions on front end best practices
- Created and presented Flutter/Dart/React/Git workshops to junior coworkers
- Reviewed and corrected all pull requests and published front end code
- Established code structure and ensured conformance to proper OOP principles

**Wesleyan University** | *Teaching Assistant* | Aug. 2020-May 2024

- Computer Science Department: TA for Computer Science II, Software Engineering, Computer Networks
- Engineering Department: Engineering Lab Assistant
- Music Department: TA for Korean Drumming (Beginner and Advanced courses)

## LEADERSHIP EXPERIENCE

**Code\_Wes** | *Co-Founder, President* | Aug. 2020-May 2024

- Raised funds and managed financials for all events, transportation, and speaker acquisitions
- Served as a mentor to approximately 40 Computer Science students per year
- Created the in-club Discord communication system, currently 250+ members
- Established team management structure and led agenda setting

**WesHack** | *Co-Founder* | Jan. 2021-May 2024

- Defined structure, rules, and funding for events, coordinated judges, mentors, and speakers
- Secured first-time and then ongoing University and external funding, managed budget and all expenses
- Created and presented daily coding workshops and community-building exercises during the hackathon

**Wesleyan Club Hockey** | *Co-Captain* | Aug. 2021-May 2024

- Led practices and scrimmages, developed training regimens
- Scheduled practices and games working with the university's athletic, financial, and facility departments
- Secured funding for new member equipment purchases

**Computer Skills:** Python (Huggingface, PyTorch, Tensorflow, Pandas, Django, Selenium), Javascript/Typescript (Node.js, React.js, Next.js), Git, GitHub, HTML, CSS, Go, Google Workspace, Microsoft Office

**Related Coursework:** Software Engineering, Artificial Intelligence, Algorithms and Complexity, Computer Networks, AudioVisual Machine Learning, Design of Programming Languages, Automata Theory, Linear Algebra

**Interests:** Ice hockey, drums, bass guitar, mandolin, Formula 1