

JOHN (JACK) GARDNER

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EDUCATION

- Carnegie Mellon University**, Pittsburgh, PA Fall 2021-Present
Master of Information Technology, **Privacy Engineering (graduating 12/2022), Current GPA: 3.81**
- Relevant Coursework: Differential Privacy | Principles of Software Construction | Browser Security | Engineering Privacy in Software | Usable Privacy and Security | Privacy Policy, Law, and Technology | Blockchain Applications
- Gettysburg College**, Gettysburg, PA Fall 2015-Spring 2019
Bachelor of Science, **Mathematical Economics**, Cum Laude
- Donghua University**, Shanghai, China (*study abroad*) Spring 2018

RECENT PROJECTS

- Mobile Application Privacy Labels Project:** A research group and I are developing a software tool to help iOS developers create more accurate privacy nutrition labels for their mobile applications. I recently received a \$1500 Privacy Engineering Travel Scholarship to [present our paper](#) at the 2022 International Workshop on Privacy Engineering (IWPE) in Genoa, IT. I also [presented our work](#) at the 2022 USENIX Conference for Privacy Engineering Practice and Respect (PEPR).
- Browser-Extension Development to Support Privacy Rights:** Last semester classmates and I [developed an extension](#) that sends a Global Privacy Control signal to websites and automatically detects privacy-related information (e.g., a Do Not Sell My Personal Information link) to help people more easily access web resources to exercise their rights under the California Consumer Privacy Act (CCPA).

WORK EXPERIENCE

- eCommerce Privacy Engineer Intern | **CrowdStrike**, Pittsburgh, PA (remote) Summer 2022-Fall 2022 (part time)
- Defining data intake, access, and processing procedures to support Privacy-by-Design in collaboration with Privacy Legal Team
 - Working with data analysts and engineers to implement documentation on use cases, dataset characteristics, and field-level logic using internal Wiki and by developing a metadata repository.
- Research Assistant | **Consumer Financial Protection Bureau**, Washington, D.C. Summer 2019-Summer 2021
- Worked full time in the Office of Research's Decision-Making and Behavioral Studies section.
 - Contributed to project codebases, ran data collection sessions, and analyzed data to study information overload in a computer-based market experiment.
 - Analyzed survey data on financial self-regulatory behavior, catalogued emergency savings strategies in a [literature review](#), and [compared auto loans for borrowers with subprime credit scores](#).
- Peer Learning Associate | **Economics Department**, Gettysburg College Fall 2017-Spring 2019
- Ran 4x-weekly lab sessions for intermediate microeconomics course.
- Kolbe Research Fellow | **Gettysburg College**, Gettysburg, PA Spring 2017-Spring 2019
- Designed a computer-based [mean-variance portfolio choice experiment](#) for senior honors thesis.
- Intern | **ViewFin Technology**, Shanghai, China Spring 2018-Summer 2018
- Conducted cryptocurrency market research and curated [marketing content](#).

CERTIFICATIONS

- Certified Information Privacy Technologist (CIPT)**, International Association of Privacy Professionals (IAPP) January 2022
- Completed IAPP CIPT curriculum on applying privacy solutions to technology ecosystems.

SKILLS

- Privacy Engineering: Comfortable integrating Privacy-by-Design into data systems, applying Privacy Enhancing Technologies, and supporting intake and management of personal data.
- Coding: Proficient in Java, JavaScript, TypeScript, and Python. Familiar with R, SQL. Web development. Basic web-focused penetration testing. Basic shell scripting. Econometric and experimental analysis.