

# YANZI (VERONICA) LIN

Pittsburgh, PA 15213

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## RESEARCH INTERESTS

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Usable Security and Privacy, Tech Ethics, Human-AI Collaboration

## EDUCATION

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**Carnegie Mellon University**, Pittsburgh, PA

*Sep 2024 - May 2029 (estimated)*

Ph.D. Student in Societal Computing

**Wellesley College**, Wellesley, MA

*Sep 2020 - May 2024*

B.A. in Computer Science & Minor in Philosophy

Graduated Summa Cum Laude, Phi Beta Kappa

**Massachusetts Institute of Technology**, Cambridge, MA

*Jan 2022 - May 2024*

Cross-Registered Student, Gordon-MIT Engineering Leadership Program

## PUBLICATIONS

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1. **Yanzi Lin**, Jaideep Juneja, Eleanor Birrell, and Lorrie Faith Cranor, “**Data Safety vs. App Privacy: Comparing the Usability of Android and iOS Privacy Labels**,” in *Proceedings of Privacy Enhancing Technologies Symposium (PETS) 2024*. [Paper]
2. Elijah Robert Bouma-Sims, Megan Li, **Yanzi Lin**, Adia Sakura-Lemessy, Alexandra Nisenoff, Ellie Young, Eleanor Birrell, Lorrie Faith Cranor, Hana Habib (2023), “**A US-UK Usability Evaluation of Consent Management Platform Cookie Consent Interface Design on Desktop and Mobile**,” in *Proceedings of CHI Conference on Human Factors in Computing Systems 2023*. [Paper] [Presentation]

## RESEARCH EXPERIENCE

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**VariAbility Laboratory**, Carnegie Mellon University

*Summer 2023*

*REU Intern, Mentor: Andrew Begel*

- Tracked hand gestures using MediaPipe and Microsoft Azure Kinect depth camera
- Estimated users’ pointing location by calculating vectors from the index finger to the monitor plane
- Conducted literature review to explore existing systems designed to enhance shared intentionality between Blind or Low Vision individuals and their sighted collaborators

**CyLab Usable Privacy and Security Laboratory**, Carnegie Mellon University

*June 2022 – May 2023*

*REU Intern, Mentors: Lorrie Cranor, Eleanor Birrell*

- Defined research directions and designed research protocols for two projects regarding Usable Privacy
- Evaluated impact of cookie consent design through a behavioral study with 1359 users using inductive coding
- Led recruitment and interviews of 24 participants to assess usability of iOS and Android Privacy Labels

**Cred Lab**, Wellesley College

*November 2021 – May 2022*

*Undergraduate Research Assistant, Mentor: Eni Mustafaraj*

- Audited Muck Rack to examine location-based misinformation through data scraping with modified IP locations
- Collaborated with lab partners to design code used for data scraping, processing, and analysis

**Media Lab Personal Robots Group**, Massachusetts Institute of Technology

*Summer 2021*

*Undergraduate Research Assistant, Mentors: Huili Chen, Cynthia Breazeal*

- Developed Python data processing scripts to analyze parent-child storybook interactions with a social robot
- Conducted quantitative analysis with Python pandas on audio transcripts from interactions with 12 families
- Enhanced data preparation by trimming 12 1-hr interview recordings to extract relevant segments for data analysis

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## TEACHING EXPERIENCE

**CS 230 Data Structures Teaching Assistant**, Wellesley College Computer Science Department *Fall 2022*

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## SERVICE & CAMPUS INVOLVEMENT

**CS Research Mentee**, Google CS Research Mentorship Program *February 2023 – May 2023*

Received research mentorship from Google and explored professional opportunities in subfields of CS with podmates.

**Gordon Engineering Leader**, Bernard M. Gordon-MIT Engineering Leadership Program *Fall 2022*

Developed problem-solving and leadership skills as a part of a highly competitive engineering program.

**Co-Asia Pacific Representative**, Wellesley Slater International Students Organization *September 2021 – May 2022*

Facilitated international students orientation and organized Asia Pacific regional events to promote cultural awareness and diversity on campus.

**Co-Social Chair**, Wellesley Chinese Students Association (CSA) *September 2020 – May 2022*

Organized social events to strengthen relationship between Wellesley CSA and other cultural organizations in the greater Boston area.

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## SKILLS

**Programming:** Python, Java, JavaScript, HTML/CSS, C, Go,  $\LaTeX$

**Frameworks:** Flask, MySQL, TailwindCSS, Next.js, Three.js, MediaPipe

**Libraries:** pandas, Matplotlib, OpenCV, Tensorflow, scikit-learn

**Other Tools:** Figma, Canva, Git, Github, Azure Kinect

**Languages:** English (advanced), Mandarin (native)

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## HONORS & AWARDS

**REUSE Scholarship**, Carnegie Mellon University Software and Societal Systems Department *Summer 2022, 2023*

**Graduate School Preparation Mini-Grant**, Wellesley College Career Education *April 2023*

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## PROFESSIONAL MEMBERSHIPS

**ACM Membership** *April 2023 - Present*

**AnitaB.org Membership** *September 2022 - September 2023*