Lucy Y. Wang

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EDUCATION

Boston University, Faculty of Computing and Data Sciences, Boston, MA   **Aug. 2024 - present**
Bachelor of Science in Data Science | Minor in Public Health
Activities: BU Dancesport - Secretary, Transition to Boston University - Secretary, Women in Computer Science

University of Pittsburgh, School of Computing and Information, Pittsburgh, PA **Aug. 2023 - Apr. 2024**
Bachelor of Science in Data Science
Activities: Women in Computer Science, Salsa Club, Kappa Theta Pi (Beta Chapter), Computer Science Club

EXPERIENCE

Computerized Mapping of Visuospatial Fields (CMOVF) | Developer   **Jan. 2025 - May 2025**
Boston University | Spark! CS519: Software Engineering X-Lab Practicum
- Web-application designed to assist researchers in conducting visual field studies, featuring a customizable experiment grid and dual-screen functionality for separate researcher and patient interfaces
- Translate Figma wireframes to frontend components for various screens using React, TypeScript, and TailwindCSS, ensuring an intuitive and accessible UI
- Integrate Prisma ORM with PostgreSQL, enabling seamless patient data storage and efficient retrieval following HIPAA guidelines
- Implement communication and state management, allowing real-time data updates between the frontend and database

Classroom Scribe   **Feb. 2025 - May 2025**
Boston University Disability and Access Services
- Provide detailed, accessible class notes and diagrams transcribed from lecture content for a legally blind student, ensuring clarity and completeness
- Assist in discussion groups by scribing responses and reading content aloud as needed for full participation

Browne Leadership Fellowship   **Nov. 2023 - Oct. 2024**
Assemble Pittsburgh   Apr. 2024 - Aug. 2024
- Led and co-taught groups of ~20 youth ages 7-16 through lessons and fostered mutual-learning relationships and an inclusive environment with them
- Shadowed directors maintaining and cultivating relationships with other fellows, staff, and corporate partners
- Volunteered at Carnegie Museum of Art "Inside Out" Installation

University of Pittsburgh School of Social Work   Nov. 2023 - Aug. 2024
- Gained exposure to mentorship experiences with local community leaders and learning circles to explore theories of social work
- Introduced to skills needed to recognize, respect, and activate neighborhood assets for social change

Women in Computer Science (WiCS)   **Aug. 2023 - Aug. 2024**
University of Pittsburgh
President   Mar. 2024 - Aug. 2024
- Organized communication between potential sponsors and adjusted new benefits tiers for sponsors
- Directed board meetings and communicated with advisors to ensure a smooth transition between leadership
- Coordinated collaborative events between other technology-related university organizations

TECHNICAL SKILLS

Programming: Java, Python, TypeScript, JavaScript, HTML, CSS
Data Analysis/Database: SQL, Python, MongoDB, PostgreSQL