BRITNEY LU

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EDUCATION

University of Pittsburgh | School of Computing and Information | Kessler Scholar Pittsburgh, PA
Bachelor of Science in Computer Science | Minor in Economics | GPA: 3.5 Anticipated Graduation: April 2027

RELEVANT EXPERIENCE

University of Pittsburgh Learning Research & Development Center Pittsburgh, PA
Undergraduate Research Assistant September 2024 – Present
Building Real-time Intelligent Grounding in Deaf Education (Sept 2025 – Present)
- Contribute to an NSF-funded project developing AI-driven tools (AR, signing avatars, sign recognition) to support deaf students' learning in science education
- Support co-design sessions, prototyping, and user studies with collaborators at Gallaudet, Northeastern, and Pitt

Empowering Youth Agency and Meaning-Making for Adaptivity (Sept 2024 – April 2025)
- Designed and prototyped an app that helps teachers assess student engagement, leading UX/UI efforts with human-centered design principles
- Collaborated with designers and developers to translate user feedback into product features

AAA Club Alliance Wilmington, DE
Information Technology Intern, Systems Development June 2025 – August 2025
- Analyzed and documented Digital Roadside Request (DRR) technical architecture across multiple channels (phone, website, mobile app, IVR, SMS), identifying gaps and integration points
- Utilized Figma to design UI mockups and end-to-end workflows for a new DRR interface, emphasizing consistency, usability, and system interoperability
- Collaborated with Salesforce Engineering, Digital Product, Systems Development, and Omni Channel teams to align product features with technical feasibility and business priorities
- Delivered a functional prototype and technical roadmap to senior IT leadership, incorporating feedback from security, infrastructure, and application architecture reviews

PROJECT EXPERIENCE

Smart Scholar Savings – SheInnovates Hackathon Pittsburgh, PA
Participant & Team Member January 2024
- Designed and developed a financial budgeting app from ideation to execution to help college students build effective financial habits
- Integrated a Java back end with a Figma front end to deliver a cohesive, fully functional user experience

Illuminating Pittsburgh's Best Neighborhood Pittsburgh, PA
GitHub Collaborator & Team Member December 2023
- Analyzed Pittsburgh neighborhood data using Python, Jupyter, and GitHub to identify key trends
- Collaborated on a team project, producing a data-driven narrative and GitHub repository showcasing the best neighborhood in Pittsburgh

VOLUNTEER EXPERIENCE

Vintage Inc. Pittsburgh, PA
Technology Tutor January 2024 – April 2024
- Supported a senior tech literacy program, contributing to community-center digital learning initiatives
- Led personalized technology assistance to seniors, fostering confidence and independence in navigating devices, computers, and the internet

TECHNICAL SKILLS

- **Frameworks and Tools:** Figma | GitHub | Visual Studio Code | LaTeX | Microsoft Office | MacOS
- **Programming Languages:** Java | Python | HTML/CSS | C | MIPS Assembly Language