Annie **Xu**

Lincolnshire, IL
224-383-8310
anniexu5369@gmail.com

Website: anncatz1.github.io/portfolio/   **LinkedIn:** linkedin.com/in/annie-xu1/   **GitHub:** github.com/anncatz1

EDUCATION

Carnegie Mellon University, Bachelor of Science in Computer Science, *University Honors*   May 2023
Carnegie Mellon University, Bachelor of Science in Psychology, *University Honors*

WORK EXPERIENCE

Frontend Software Engineering Intern | Coalition, Inc. | Remote   May 2022 - Aug 2022
- Developed template generation tool improving document creation speed by 20x by adding automatic logic fields using the Word API, Javascript, and HTML/CSS
- Designed user-friendly interface, optimizing visual space utilization to meet product requirements
- Refined product specifications and prioritized features by leading meetings with user stakeholders
- Created and tested a minimum viable product for efficient feedback and validation of product ideas

Research Assistant (iOS/Web Dev) | Memory Lab at CMU | Pittsburgh, PA   May 2020 - June 2022
- Implemented language streaming iOS app using Swift and Firebase to collect data for 90 subjects, enabling a successful longitudinal 5-week study over 3 rounds of piloting
- Revamped lab website using HTML/CSS improving accessibility to relevant content
- Supervised 10 undergraduate students in administration of language tests and collection of sleep data
- Trained five psychology undergraduates to effectively run 5-week long psychology experiment

Teaching Assistant | Carnegie Mellon University | Pittsburgh, PA   Aug 2020 - May 2023
- Facilitated advanced psychology courses for over 200 undergraduate students   [Four semesters]
- Led 10 review sessions and provided guidance to ~30 students per session during office hours
- Mentored students in effective paper-writing techniques and reviewed their homework submissions

Computer Science Curriculum Intern | Codeucate | Lincolnshire, IL   Jun 2020 - Aug 2020
- Crafted engaging presentations for computer science courses (Java, HTML/CSS) for middle schoolers

Web Development Intern | CourseStars | Lincolnshire, IL   Jun 2018 - Aug 2018
- Created intuitive and visually appealing web user interface using Joomla platform
- Enhanced user experience by implementing sign-up and payment capabilities for tutoring sessions

PROJECTS

Task Tracker Site   Aug 2023
- Task tracker website created using React, Typescript, Node.js, TypeORM, MySQL, and Material UI

Worldwise   Aug 2023
- Travel destinations site with interactive map and authentication: created with React/React Router, Redux

TodoList and Blog Website   July 2023
- Responsive Todo list and Blog site created using EJS/Javascript, Node.JS, Express.JS, and MongoDB

TECHNICAL SKILLS

- **Programming:** Python, Swift, C, Java
- **Web Development:** Javascript/Typescript, React, Redux, React Query, Node.js, Express.js, HTML/CSS
- **Tools**: MySQL, MongoDB, Git, Linux