

Jaime Xu

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EDUCATION

Purdue University

Bachelor of Science in Computer Science

West Lafayette, IN

Expected May 2026

EXPERIENCE

Fundwurx

February 2024 – August 2024

Full-Stack Engineering Intern

Philadelphia, PA

- Implemented responsive UI components using React to enhance user experience and REST API requests to synchronize frontend and backend logic
- Developed a user interests feature to track preferences, enhancing personalized recommendations and providing valuable insights for user admins
- Authored backend unit tests with Jest, reducing production bugs and enhancing CI/CD reliability

Hack the Future

September 2023 – May 2024

Full-Stack Developer

West Lafayette, IN

- Collaboratively designed and implemented a responsive multi-page form using React, enhancing user experience for a local nonprofit
- Developed a robust administrative dashboard with Node.js and Express, streamlining data management and reporting
- Participated in code reviews and team meetings, contributing to best practices and ensuring high-quality code delivery

PROJECTS

Shiba Type | *TypeScript, React, Node.js, Firebase, MongoDB*

May 2024 – August 2024

- Developed a full-stack, customizable typing test website featuring a leaderboard, shop, user-authentication, and unlockable themes
- Integrated Firebase Auth for user authentication and Node.js with MongoDB to manage the account, leaderboard, and shop systems
- Designed frontend user interface with React, Tailwind CSS, Redux, and MUI to display real-time feedback including words per minute and accuracy

Tinder | *Swift, ParseSwift, Back4App*

April 2023

- Collaboratively developed a Tinder clone in Swift, featuring ability to login, create and view profiles, and swipe to match with other users
- Implemented the login/sign up logic with ParseSwift and designed storyboard UI
- Integrated Back4App database to store and manage user information

Tutor Messaging System | *Java, Swing, NET, JUnit*

December 2022

- Collaboratively developed a Java-based messaging app for students and tutors to facilitate communication and exchange of payments/services
- Designed the complex GUI using the Swing framework
- Implemented a server using the NET framework to concurrently accept client connections and manage storage/access of user data

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, Java, C/C++, HTML/CSS, Python, x86 Assembly, Bash, Swift

Frameworks/Libraries: React.js, Node.js, Express.js, Redux, Tailwind CSS

Tools: PostgreSQL, MongoDB, Firebase, Git, Docker