

Jaime Xu

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EDUCATION

Purdue University

Bachelor of Science in Computer Science

West Lafayette, IN

Expected May 2026

West Lafayette Jr./Sr. High School

West Lafayette, IN

May 2022

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Computer Architecture
- Discrete Math
- Programming in C
- iOS Development
- Object-Oriented Programming

PROJECTS

Tinder Clone | *Swift, ParseSwift, Back4App, Git*

April 2023

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

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

December 2022

- Collaborated on the development of 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

Minesweeper | *Java, Swing, Git*

March 2021

- Recreated the popular classic game in Java using the Swing framework
- Comprised of unique features including user-selectable themes and difficulty levels

Paint Tool | *Java, Swing, Git*

November 2022

- Programmed a painting application with Java's Swing framework
- Integrated action listeners to enable drawing, filling, and erasing functionality
- Implemented color selecting options including a random button and input field for hex and RGB values

EXTRACURRICULAR

Hack the Future | *Volunteer Programming Club*

September 2023 - Present

- Create software for local not-for-profit companies
- Develop frontend and backend using MongoDB, Express.js, React.js, Node.js, and TypeScript
- Utilize libraries: MUI, React-Redux, and Axios

Xplore | *Career Exploratory Program*

June - August 2023

- Gained experience in various tech fields (Software Engineering, Data Science, AI, etc.) and developed professional skills
- Completed tech and professional development work simulations
- Attended panels by tech industry professionals

TECHNICAL SKILLS

Languages: Java, C/C++, TypeScript, JavaScript, HTML/CSS, Assembly, Swift

Frameworks/Technologies: MongoDB, Express.js, React.js, Node.js, Git

Libraries: Tailwind CSS, MUI, React-Redux, Bootstrap, Axios