

Ruibo Xu

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EDUCATION

Stony Brook University

Master of Science in Computer Science

Stony Brook, NY

Expected December 2025

Stony Brook University

Bachelor of Science in Computer Science

Stony Brook, NY

Graduated May 2023

Relevant Coursework: Object Oriented Programming, Algorithms, Data Structure, Software Development, Machine Learning, Cloud Computing, Computer Networks, Android Development

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, Java, Bash/Shell, HTML, CSS(SASS)

Technologies/Tools: MongoDB, MySQL, React, AWS, Jest, Git, Heroku, Node.js, Bootstrap, Express, Firebase, Mongoose, Sequelize, Tailwind, NextJS, ReactNative

EXPERIENCE

Clocky LLC

Web Developer Intern

Los Angeles, CA | Remote

January 2024 – Present

- Created custom Shopify themes and templates using Liquid, enhancing brand identity and user engagement, and **increasing session duration by 10%**.
- Built an upsell feature that recommended relevant products to customers during checkout, resulting in a **15% increase in average order value** and a significant revenue boost.
- Architected a user-centric product advertising page featuring informative articles and user reviews, leading to a **10% increase in order conversion rate**.

Prifina

Front-End Engineer Intern

San Francisco, CA | Remote

January 2024 – Present

- Engineered a **high-performance, scalable mobile app** architecture using **React Native** and its core libraries, ensuring seamless user experiences and future growth potential.
- Utilized sensor data to design and build app features that provided users with valuable insights and personalized recommendations.
- Collaborated with a **cross-functional team** of developers, designers, and product managers to deliver high-quality features and enhancements for the app.

PROJECTS

E-commerce Website | MySQL, Express, React, Node.js, AWS

[Github](#) | [Website](#)

- Integrated e-commerce operations with **RESTful APIs** for efficient data exchange and a smooth user experience.
- Optimized product discovery using an intuitive filtering and sorting system, **cutting user search time by 10%**.
- Implemented **secure and scalable AWS RDS** database for robust e-commerce functionality.

TileWorkShop | MongoDB, Express, React, Node.js, Heroku

[Github](#) | [Website](#)

- Developed a collaborative 2D game asset editor, empowering users with simplified tilemap and tileset creation.
- Prioritized user security by implementing secure email authentication, ensuring the safety of user accounts and assets.
- Innovated a collaborative editing solution that **reduced project editing time by 10%** enhancing team collaboration and project delivery speed.

Recipe Discovery | Java, TensorFlow Lite, OpenAI API

[Github](#)

- Developed Recipe Discovery, an Android application utilizing TensorFlow Lite for on-device image recognition.
- Enabled recipe discovery through photographed ingredients using machine learning.
- Implemented OpenAI API for personalized recipe recommendations based on user history.