

Ruibo Xu

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EDUCATION

Stony Brook University

Master of Science in Computer Engineering

Stony Brook, NY
Expected May 2025

Stony Brook University

Bachelor of Science in Computer Science

Stony Brook, NY
May 2023

Relevant Coursework: Object Oriented Programming, Computer Networks, Algorithms, Data Structure, Computer Systems, Software Development, Data Visualization, Game Programming

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

January 2024 – Present
Remote

- 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.
- Tested and debugged e-commerce websites to ensure optimal performance and functionality across various devices and browsers.

Prifina

Front-End Engineer Intern

January 2024 – Present
Remote

- 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, Sequelize

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

- Optimized product discovery using an intuitive filtering and sorting system, **cutting user search time by 10%** and boosting shopping efficiency.
- Integrated **RESTful APIs** using Node.js and Express, enabling efficient data exchange between frontend and backend, and facilitating merchant operations..
- Architected a scalable and secure database infrastructure on AWS RDS, prioritizing data protection and system reliability.

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

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

- Developed a collaborative and innovative web-based 2D game asset editor with a highly responsive and user-friendly interface, optimized for seamless tilemap and tilesheet creation and editing.
- Implemented a collaborative editing tool that **reduced project editing time by 20%** through simultaneous co-creation, enhancing team collaboration and project delivery speed.
- Established social features like liking, disliking, and commenting to generate feedback and engagement, creating a supportive environment for sharing and collaboration.