

Xiao Lin Guan

Full Stack Developer | Software Engineer

Brooklyn, NY, 11214 | 646-750-5019 | xiaolin.guan123@gmail.com | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

TECHNICAL SKILLS

Frontend: React.js, Redux, JavaScript, HTML, CSS, Dart, Flutter, Google Maps API

Backend: Node.js, Express, SQL, PostgreSQL, Rails, MongoDB, Firebase

PROJECTS

JMAX, *Frontend Developer* - React | Node

[Live](#) | [GitHub Repo](#)

A full stack web application that allows users to post requests and other users can make offers to the users to help them.

- Utilized JSON Web Tokens and wrote custom middleware to protect Express endpoints as part of user authentication, ensuring secure access. Leveraged React's useState Hook and onClick event listeners to enable comprehensive request creation and utilized MongoDB as the backend database to facilitate efficient storage and retrieval of data, ensuring a seamless user experience (UX).
- Integrated websocket.io by pulling relevant data from MongoDB, enabling real-time communication between users during chat sessions, ensuring immediate message delivery and enhancing the collaborative experience.

Yep, *Full Stack Developer* - React | Node

[Live](#) | [GitHub Repo](#)

A web app clone of yelp that allows users to browse local restaurants, view ratings, write reviews and react to other people's posts.

- Integrated Google Maps API into web application to improve users experience with geo locations of the restaurants.
- Utilized AWS S3 buckets to securely store restaurant images, enabling efficient retrieval and display.
- Applied PSQL and Rails' built-in method to enable users to post reviews for a specific restaurant, while also dynamically recalculating the average ratings.

Hunter Anonymous, *Frontend Developer* - Flutter | Firebase

[Live](#) | [GitHub Repo](#)

A blog post platform built with flutter that allows Hunter College students and staff to share their voices anonymously.

- Connected the application to Firebase hosting to enable smooth deployment while disabling Firebase user authentication. This allows for anonymous posting, fostering a secure and open environment for expressing opinions while maintaining user-friendliness.

EXPERIENCE

Web Developer

Nov 2023 - Present

Acorn House Tutoring School

- Developed the website using HTML5, CSS3, and JavaScript, creating a solid foundation with clean, maintainable, and semantic code.
- Optimized website loading times by compressing images and minifying CSS and JavaScript files, resulting in a 30% improvement in speed.
- Collaborated closely with the client throughout the development process, incorporating feedback to ensure the final product aligned with the vision and objectives of the tutoring school.

EDUCATION

App Academy, *Full Stack Web Development*

May 2023 - Aug 2023

Hunter College CUNY, *Bachelor of Arts in Computer Science*

Sep 2018 - May 2022