

Xiao Lin Guan

Full Stack Developer | Software Engineer

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TECHNICAL SKILLS

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

Backend: Node.js, Express, SQL, PostgreSQL, Python, 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.

Hey Wake Up, *Frontend Developer* - JavaScript

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

A browser game built with JavaScript that challenges the users' clicking speed on specific targets within a limited time duration.

- Incorporated setTimeout for an animated countdown timer per level and utilized clearInterval to stop the timer at 0 to enhance time tracking, resulting in increased and more challenging player engagement.

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.
- Integrated Firestore Database to store blog posts as documents, empowering users to update the vote count for a more interactive user experience(UX).

Potential Flooding of NYC, *Frontend Developer* - Python

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

A dash app that shows the likelihood of NYC experiencing coastal flooding in the future as sea level rises.

- Constructed interactive charts using Bootstrap components and Dash Plotly. This enables users to effectively explore visualizations and analyze data on the platform.

EDUCATION

App Academy, *Full Stack Web Development*

May 2023 - Aug 2023

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

Sep 2018 - May 2022