

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

Expertise: Debugging, Deployment

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.

- Incorporates user authentication to ensure secure access.
- Empowers users to create detailed requests, describing their specific problems along with relevant categories and descriptions.
- Users can submit offers in response. These offers typically include a price. The request creator has the authority to review and evaluate the offers received.
- Leverages websockets to facilitate real-time communication between users during chat sessions. This ensures instant message delivery and enhances the collaborative experience.

Yep, Full Stack Developer - React | Node

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

A web app clone of yelp that allows users to view restaurants with exact locations on google maps, and search for restaurants they are interested in and displays basic info of the specific restaurant they click on .

- Integrated Search Bar backend implementation to allow users to look for specific restaurants they want to see.
- Integrated Google Maps API into web application to improve users experience with geo locations of the restaurants.
- Users can filter the restaurants based on price range, zip code and 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.

- Users have to click on each dog picture to increase their energy levels to prevent them dropping below 50% which results in failure.
- Users can choose any levels they want with level 6 being the impossible level or they can start with level 1 and go to the next level if they pass the requirements when the timer stops.
- Users can have background music on while they are playing or turn them off anytime they want which doesn't affect the game at all.

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.

- No user authentication is needed, all students can post anonymously which gives them the freedom to voice their opinions in a safe space.
- Integrated with Firebase Database to store all blog posts and the count of votes each post receives, and all users can upvote or downvote any posts they want.

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.

- All charts are built with Bootstrap components, and Dash Plotly which give users a unique experience while interacting with them, users can modify and download the visualizations along with the datasets.

EDUCATION

App Academy, *Full Stack Web Development*

May 2023 - Aug 2023

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

Sep 2018 - May 2022