JEREMY LIANG

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EDUCATION

Brooklyn College - *BS Computer & Information Systems 3.7 GPA*   2018 - Current
App Academy - Intensive software development course with focusing on full stack web development   Mar - June 2023

EXPERIENCE

Iron Chef House (**Server)**   Oct 2021 - Aug 2022
- Updated and reorganized front of house software to minimize errors and improve working quality of life, resulting in 80% increase in customer satisfaction.
- Fostered a tenacious and determined approach while consistently navigating 7+ hour shifts in a dynamic, fully-booked restaurant setting.
- Cultivated a positive atmosphere between back-of-house and front-of-house, yielding an increase in productivity in the general workplace.

Personal Tutor   Jan 2021 - Sep 2021
- Developed and implemented customized lesson plans tailored to accommodate a wide range of learning styles, ensuring optimal comprehension and engagement among students.
- Provided personalized academic assistance and mentorship, offering one-on-one support to address individual learning needs and challenges.
- Established a nurturing and supportive learning environment where students felt empowered to explore and excel, fostering a sense of confidence and achievement.

PROJECTS

Line-up Buddy | *A Valorant-inspired project built purely on Javascript*   **live** | **github**
- Utilized CSS3 flexbox with z-indexes as well as a React-modal for a captivating layout.
- Applied API pulls from a custom API for a hands-on experience.
- Extensive work with React-event handlers for smooth and rich user experience.

Jamify | *A Spotify clone built on Reacts.js, Javascript and Ruby on Rails*   **live** | **github**
- Built on the Rails framework to utilize their built in ORM, Active Record, for seamless database querying and built-in protection against CSRF and SQL injections.
- Enabled users to interact with servers through RESTful APIs to manage their activities via CRUD operations.
- Implemented PostgreSQL as the RDBMS to take advantage of the predefined structure and SQL support in handling complex queries and maintaining vertical scaling ability.
- Designed custom user authentication using BCrypt and React Auth Routes to ensure secure password hashing storing and restrict unauthorized access to sensitive user data, enhancing security for users.

SoundSpace | *An original project built on the MERN stack*   **github**
- Utilized React's component-based approach to provide a dynamic and intuitive interface for users in a music app that empowers grassroots artists to share music and connect with followers.
- Initiated agile project management to enhance productivity and exceeded EOW goal completion by 30%.
- Migrated artists' content from MongoDB to AWS S3 to enable unlimited scalability, server-side encryption to protect sensitive data, and efficient data retrieval/upload due to its distributive architecture.
- Facilitated seamless backend-to-frontend integration, enhancing connection efficiency and overall system performance

SKILLS

Javascript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, RSpec, Amazon Web Services(AWS), Jasmine, Jest, TDD, OOP, ADT, Conversational Cantonese, English, Microsoft Office, Google Suite