Samuel Ou

Portfolio | LinkedIn | Github
samuelou510@gmail.com

EDUCATION

Flatiron School   Manhattan, NY
Full Stack Software Development   *Jun. 2023 – Sep 2023*

Stony Brook University   Stony Brook, NY
Bachelor of Science in Biology   *Aug. 2019 – May 2023*

PROJECTS

Splitwise Clone | *TypeScript, Redux, Node, Express, MongoDB, Socket.IO*   Oct 2023 – Present
- Developed an expense-sharing application that simplifies group finances
- Integrated Redux for state management and improving render efficiency
- Leveraged TypeScript for better developer productivity and code quality
- Utilized Socket.IO for real-time communication between group members

Automotive Market | *React, Next, Python, Flask, Stripe*   Sep 2023 – Oct 2023
- Developed a full stack application that provides scheduled car servicing and anonymous bidding
- Created table components for teammates, reducing front-end development time by 20%
- Developed backend RESTful API with full CRUD for data management
- Implemented responsive UI to enhance user experience
- Integrated Stripe for seamless scheduling payments

SteelStance | *React, Next, Python, Flask*   Aug 2023 – Sep 2023
- Developed a fitness application allowing to users to manage workout programs and personal records
- Created navigation and table components for reusability
- Implemented dynamic sorting of records in a table component, alphanumerically
- Integrated server-side routing for smooth user-experience

Discord/Pinterest Clone | *React, Reddit API*   July 2023 – Aug 2023
- Developed a social media platform that allows users to traverse different communities and view related posts
- Utilized Reacts hook for state management across different components
- Implemented custom styling and design for user interface

Subreddit Clone | *JavaScript, Reddit API*   Jun 2023 – Jul 2023
- Developed a single-page application allowing users to view and interact with beer-related posts
- Implemented CRUD functionality for dynamic post rendering of API data
- Developed sorting and saving options for enhanced user experience

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, HTML/CSS
Frameworks/Libraries: React, Redux, Next, Node, Express, Flask, Tailwind
Other: Git, MySQL, MongoDB