Tommy Lau

FULL STACK SOFTWARE DEVELOPER

DETAILS
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PROFILE
Fullstack web developer with a passion to constantly learn new technology and problem solving. Through my experiences from two immersive bootcamps, I excel in mentoring others and filling leadership roles when necessary. I also bring strong communication skills and open-mind thinking to work collaboratively in a team.

LANGUAGES
JavaScript, Ruby, C++, HTML, CSS, SCSS

Frameworks / Libraries
React, Node, Express, Ruby on Rails, Redux, Typescript

Tools & Platforms
PostgreSQL, MySQL, Bootstrap, JQuery, Socket.IO, Git, Jira, Agile Development, APIs / Web APIs, Auth, OAuth, Heroku, Jest,

EXPERIENCE

Full Stack Developer Teaching Assistant | BrainStation
DEC 2022 - PRESENT, NEW YORK, NY

- Review code and grade projects based on visual appearance, responsiveness, functionality, and code quality (HTML, SASS, JavaScript, RESTful APIs, and Git).
- Reinforced student learning of skills and materials through daily check-ins, informal assessments, and observations.
- Teach new material thoroughly to ensure students fully grasp and understand technical concepts in a fast-paced environment.
- Offered position among 30 students due to being the most suitable candidate.

Sales Representative | Spectrum
NOV 2017 - NOV 2018, QUEENS, NY

- Developed and maintained over 600 new and existing customers and communities each month by offering best-in-class telecommunication services through door-to-door solicitation of new prospective customers.
- Obtained and accomplished a personal milestone of most sales made for the month in the NorthEast region.
- Mentored colleagues and newly hired representatives with telecommunication knowledge and marketing communication skills to increase performance and sales.

PROJECTS

Full Stack Software Engineer | Meal Buddy - Demo
A networking platform for users to organize and seamlessly meet people at Yelp locations.

- Userbase secured with API Auth tokens and Bcrypt for encrypted passwords.
- Real-time messaging feature for connected accounts using the Socket.IO library. Users have separate chat rooms for each connected user.
- Dynamic search query to the Yelp Fusion API for customized requests based on input from anywhere worldwide.
- Google Maps Platform API used for visually displaying restaurant and reservation locations with markers.

Front-end Developer | 1st Place Hackathon
24-hour hackathon hosted by BrainStation with a problem space of finding the true cost of living in New York.

- Implemented an interactive heat map using Tableau for viewing consumer satisfaction based on JSON data.
- Collaborated with UI/UX designers and data scientists to develop a comprehensive presentation consisting of user stories, Figma designs, data charts, and a web application.
- Dynamic rendering of data to easily show users if they're paying more or less than the total average cost based on their zip code.

Full Stack Software Engineer | Which Way? - Demo
A dynamic arrow key memory game where you have to use the arrow keys to repeat a sequence of movements that gets longer with each level.

- Multiple conditional difficulties to choose from, each containing its own custom timer, amount of starting keys, and duration of keys displayed.
- Persisting scoreboard for users with the highest scores.
- Hardest difficulty will have a reverse feature that will require you to input the opposite arrow key shown.

EDUCATION

BrainStation | Diploma, Web Development
SEP 2022 - DEC 2022, NEW YORK, NY

Flatiron School | Diploma, Software Engineering
MAR 2019 - JUL 2019, NEW YORK, NY

Brooklyn College | Computer Science
JAN 2014 - 2016, BROOKLYN, NY