

MICHELLE LI

SOFTWARE ENGINEER

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TECHNICAL SKILLS

JavaScript, React, Rails, Python, Ruby, PostgreSQL, MongoDB, Express.js, Node.js, Webpack, AWS S3, HTML, CSS

PROJECTS

LUXEBNB *JavaScript, React.js/ Redux, Rails, Node.js, PostgreSQL, Google Maps API, AWS* [Live](#) | [GitHub Repo](#)

Full-stack clone of Airbnb, a web application for short and long-term homestays

- Engineered a robust booking system using React hooks for dynamic rendering and seamless interaction, optimizing user engagement across cross-functional components.
- Strengthened user privacy and autonomy through robust front and back end user authentication using Rails conventions, Active Record, and customized React-Router higher order components
- Transformed static maps into dynamic interface with location-specific markers and interactive information windows by employing Google Maps API, contributing to a more immersive user experience and improving overall user satisfaction

JOURNEASE *JavaScript, React, Redux, Node.js, MongoDB, Express, Google Maps API, AWS* [Live](#) | [GitHub Repo](#)

Social media web application to create detailed travel itineraries promoting collaborative planning

- Fostered a collaborative and innovative team environment as the Front-End Team Lead, ensuring effective communication, coordination, and timely delivery of final product
- Spearheaded the adoption of cutting-edge technologies, including AWS S3, to enable swift and scalable cloud-based image uploads, resulting in reduced server load and enhanced overall app performance.
- Utilized Mongoose ORM for mapping database query results into JavaScript objects, adhering to MVC principles for efficient data manipulation.

SMILE MAP *JavaScript, D3 Library* [Live](#) | [GitHub Repo](#)

Data visualization of the World Happiness Report via 2D choropleth map, bar graph, and polar area chart

- Transformed raw data into actionable insights by developing an interactive 2D choropleth map, allowing users to interact with and explore happiness indices with ease.
- Resolved challenges in data presentation by implementing user-friendly features, such as date and country selection, enhancing the overall accessibility and usability of the data visualization platform.
- Extracted valuable statistics from the World Happiness Report API by parsing through JSON data to retrieve key metrics, seamlessly populating graphs for a comprehensive representation of happiness trends

ACHIEVEMENTS

WomenWhoCode Hackathon - *Outstanding Social Impact Award*

November 2023

WORK EXPERIENCE

SUPERVISING PHARMACIST

October 2021 – March 2023

MM Pharmacy, New York

- Leveraged analytical and problem-solving skills to evaluate drug therapy management, guaranteeing accurate processing of prescriptions.
 - Applied data analysis skills to enhance pharmacy workflow, introducing innovative task assignments and inventory management strategies that led to a 20% reduction in processing time.
 - Conducted routine audits to ensure compliance with pharmacy laws and regulations, exhibiting a commitment to adherence and attention to detail.
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EDUCATION

App Academy - *Computer Science (Full stack Web Development)*

May 2023 - August 2023

Long Island University - *Doctorate of Pharmacy, BS*

September 2015 – May 2021