

Xuelan Wu

t: 413.345.0963

e: devxuelanwu@gmail.com

Shutesbury, MA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

Programming Languages: JavaScript ES6, HTML5, CSS, TypeScript, Python, Java, C++, SQL

Libraries/Frameworks: React, Redux, Node.js, Express, Next.js, Flask, Axios, Babel, Webpack, Sequelize, SQLAlchemy, MongoDB, React Testing Library

Experience

Frontend Developer

March 2023 - Present

iHealth and Wellness Foundation, Inc

[Website](#)

- Created the official website from the ground up to establish an online presence using JavaScript, React and CSS, enabling the venture to showcase vision and objectives
- Defined endpoints payload and response requirements for seamless integration between frontend and backend with MongoDB for data management
- Ensured code quality, emphasizing clean, maintainable, and DRY code while promoting modularity
- Collaborated in pair programming sessions to support developers in their onboarding, debugging and testing

Business Analyst

September 2019 - January 2020

Argus Merchant Services LLC

- Communicated between clients and management to understand, analyze, articulate, and validate client requirements, ensuring successful project outcomes

Projects

Short-Term Rental Marketplace

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

- Delivered an Airbnb-style website using React and Redux with listing and booking feature
- Constructed over 20 REST APIs using Express with documentation for seamless integration and maintenance
- Promoted DRY programming principles by modularizing code for a more maintainable and efficient codebase

Group Chat Application

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

- Developed a WebSockets-based chat app using Python, Flask, SQLAlchemy in conjunction with React supporting real-time private chat and group messaging
- Collaborated with team utilizing Git to release 4 features in 10 days

Dog Social Networking Platform

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

- Connected a React frontend to an Express backend to implement user matching feature
- Leveraged Firebase Storage to manage multiple profile images allowing users to enrich their profiles
- Utilized SocketIO to enable real-time chat communication between users

Education

Greenfield Community College

Greenfield, MA | September 2023 - Present

Courses: Data Structures in Java, C++ Programming

App Academy

Online | August 2022 - January 2023

Full Stack Web Development

University of Massachusetts

Amherst, MA | September 2015 - May 2019

Bachelor of Science, Major in Mathematics