NEAL UEHARA

FULL-STACK DEVELOPER

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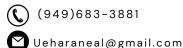Ueharaneal@gmail.com

https://github.com/ueharaneal

EXPERIENCE

Street Sound Society- Full-Stack Intern   June 2023- September 2023

- Collaborated on the initial stages of development for innovative projects, focusing on crafting responsive user interfaces using React and Redux Toolkit.
- Contributed to backend development utilizing Express.js and Node.js, ensuring seamless integration between frontend and backend systems.
- Employed Tailwind CSS to design and implement visually engaging and user-centric UI components.
- Introduced to utilizing Amazon DynamoDB, gaining hands-on experience in integrating and managing the database for seamless data interactions within the application.
- Proficient in GitHub workflow for effective code collaboration and version control.

TECHNICAL SKILLS

- Highly skilled in Java and Python programming languages, and proficient in data manipulation and web scraping libraries including Pandas, Requests, and Beautiful Soup.

- Web Development: Strong understanding of web development technologies like HTML, CSS, and JavaScript. Experience with front-end frameworks/libraries (React.js, Bootstrap, Tailwind) and back-end (Node.js).

- Database Management: Proficient in working with databases, including SQL (MySQL) and NoSQL (MongoDB). Familiarity with query optimization, data modeling, and database administration.
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- Cloud Platforms: Familiarity with Amazon Web Services including deploying and operating applications in cloud environments.

TECHNICAL PROJECTS

Full-Stack Email Survey Application

- Utilized React and Redux Toolkit for a streamlined UI with enhanced functionality.
- Employed Express and Node.js for server-side rendering
- Integrated Stripe API for seamless online payments.
- Added a third party (SendGrid) to send out multiple emails.
- Incorporated passport.js for user authentication (Google).
- Connected MongoDB (Mongoose) to store and manage surveys, and users.
- Utilized Materialize CSS for a simple and clean UI.
- Deployed website using Heroku.

Spotify-Top-100-Songs-Playlist-Creator

- Employed Python's requests library to access Billboard's Top 100 chart data.
- Utilized Beautiful Soup for web scraping, allowing users to access the top 100 songs of their chosen date.
- Integrated Spotify authentication with the Spotipy module, enabling the program to interact with their Spotify account.
- Automatically populated a personal Spotify playlist with the songs obtained through web scraping.

Chat-Room-Website

- Merged HTML, CSS, and Python(Flask) into one project.
- Administered real-time communication between multiple users using SocketIO.
- Created private rooms for users to create/join by using a private number.
- Utilized Flask framework in order to create a high functioning website.

CERTIFICATIONS

- AWS Cloud Practitioner Certification   July 2023
- CompTIA A+   July 2023

EDUCATION

- B.S. Software Engineering   Expected: May 2024
     Western Governors University