

## NEAL UEHARA

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## EXPERIENCE

June 2023– September 2023

**Street Sound Society– Full-Stack Intern**

- Contributed to the remote Arduino functionality using Express.js and Node.js,
- Developed user passcode outputs, ensuring seamless integration between frontend and backend systems for enhanced user experience
- Employed React and Tailwind CSS to visually engage the client and create user-centric UI components.
- Gained hands-on experience with Amazon DynamoDB, 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

- Skilled in Javascript, C#, and Python programming languages, and proficient in data manipulation and web scraping libraries including Pandas, Requests, and BeautifulSoup.
- Web Development: Strong understanding of web development technologies. 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.
- Cloud Platforms: Familiarity with Amazon Web Services including deploying and operating applications in cloud environments.
- Miro for planning and system design.

## 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.

**Shazamify – Spotify Clone**

- A React Spotify clone that allows users to play music with a fully functional play bar.
- Utilizes the Shazam Core API to access Shazam data and song samples.
- Incorporated GeoApify API to detect user location and display top local songs.
- Implemented a search bar allowing users to find their favorite songs or artists.
- Utilized Redux in order to maintain both global state and slicing.

**NU ChatRoom**

- 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.

## CERTIFICATIONS

- AWS Cloud Practitioner Certification
- CompTIA A+

July 2023

July 2023

## EDUCATION

- B.S. Software Engineering  
Western Governors University

Mode of Study: Asynchronous Online Learning

Expected: May 2024