

Robert McCollough

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EDUCATION

University of North Carolina at Chapel Hill

August 2016 - May 2020

Bachelor of Science in Computer Science, Class of 2020

Relevant Coursework: Object Oriented Programming, Computer Organization and Design, Data Structures, Theory of Computation, Algorithm Analysis, Web Programming, Databases, Internet Protocols

TECHNICAL SKILLS

Web Development / Design : HTML, CSS/Sass, JavaScript, jQuery, React, Node, Svelte.js, Figma

Programming Languages: Python, Java, C, Swift

Databases: MongoDB, MySQL, DynamoDB

PROJECT EXPERIENCE

Tops

January 2020 - Present

Personal Project: **Svelte.js**, Spotify API

- Provides Spotify users the ability to view and share their most-listened tracks and artists year round.
- Leverages Spotify Web API , OAuth Flow and Svelte.js to fetch and display real-time user data.

KitchenBot

September 2019 - Present

Personal Project: **MongoDB, Express, React, Node**, GroupMe API

- Developed a GroupMe-integrated kitchen management system for Sigma Nu fraternity.
- Configured GroupMe bot to track current and past menus, to-go plate orders, and meal requests.
- Featured full client UI with user accounts that linked via OAuth to existing GroupMe accounts.

WORK EXPERIENCE

Neurum Health - Sheung Wan, Hong Kong

May 2019 - August 2019

Web Development Intern

- Designed and developed an app data analytics dashboard using **React** with **Redux** and **Redux Sagas**.
- Integrated dashboard into the company's production platform to track relevant app and user metrics to monitor app health and identify improvement areas.
- Coordinated with the executive team to source audio content for an investor launch demo.

ACTIVITIES

Ellerbe Creek AR Game, Durham, NC

January 2020 - May 2020

Team Member

- Aided in development of an augmented reality iOS application with the goal of improving community engagement at the Ellerbe Creek Watershed nature preserves in Durham, NC.
- Handled communication with the client to provide continuous development updates and relay feedback to the team.

Top of the Hill Restaurant and Brewery, Chapel Hill, NC

December 2016 - March 2019

Runner

- Maintained organization of orders and communicated with kitchen staff to ensure accurate and complete fulfillment of each ticket.
- Developed customer service skills, effective communication with the team, and attention to details.

Sigma Nu Fraternity, Psi Chapter, Chapel Hill, NC

November 2016 - May 2020

Kitchen Manager, Historian

- Worked with lead chef to coordinate food budgets and plan meals
- Developed bot to automatically handle menu distribution and late plates