

MARCUS CHONG

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EDUCATION

University of Colorado Boulder - BA, Computer Science | Minor, Business Administration

Aug 2019 - Dec 2023

PROJECTS

Spotify Visualize

Created a dynamic web app for visualizing personalized user data from Spotify. Allows users to view their top artists, top tracks, and information about a playlist's tempo, danceability and energy.

Built with React, Express, Node.js, and the Spotify API.

Sierra Leone

Designed and implemented survival game inspired by R&B artist Frank Ocean. Created game with an emphasis on object-oriented principles. Game incorporates a live matrix map and randomly generated events.

Built with C++.

EXPERIENCE

Hewlett Packard Enterprise

June 2022 - Aug 2022

Software Engineer Intern - Cloud

- Built AWS-based SlackBot which automated storage of pipeline test results for situational awareness and trend analysis by offering UI and command line utility for **300+ engineers** while collaborating with another engineer.
- Configured API PUT method enabling the creation and update of test results in DocumentDB using AWS Lambda.
- Led the presentation and communication of project to organization and upper management.

CU Boulder Aerospace Studies

Oct 2021 - Dec 2021

Software Engineer Intern

- Engineered user interface and database of mental wellness web app for over **250 Air Force ROTC students** in order to gather data and create insights on mental health.
- Led development as a **head developer** and made key design decisions for a team of 3 developers using Agile.

Hana Japanese Bistro

May 2019 - May 2021

Technology Manager

- Proposed change to restaurant hours by analyzing DoorDash data which demonstrated high opportunity costs for lunch hours. **Resulted in a reduction of company costs by 10% within one week.**
- Innovated my family restaurant by developing an improved restaurant website with an emphasis on customer usability in order to transition to an online and take-out centric business amidst the pandemic.

SKILLS

Languages: C++, C, Python, Java, HTML, CSS, JavaScript

Technologies: React, Node.js, Express, AWS (Amazon Web Services), Docker, Kubernetes, MySQL, Git, Linux