

MARCUS CHONG

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EDUCATION

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

Aug 2019 - Dec 2023

EXPERIENCE

Hewlett Packard Enterprise

May 2022 - Aug 2022

Software Engineering 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**.
- Configured API PUT method enabling the creation and update of test results within Amazon's DocumentDB database by using AWS Lambda.
- Presented and effectively communicated project to organization and upper management.

CU Boulder Aerospace Studies

Oct 2021 - Dec 2021

Software Engineering 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 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%.**
- 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.

PROJECTS

Spotify Visualize

Created 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++

SKILLS

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

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