MARCUS **CHONG**

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EDUCATION

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

Aug 2019 - May 2023 | Boulder, CO

WORK EXPERIENCE

Hewlett Packard Enterprise | *Software Engineer Intern - Cloud*

June 2022 - August 2022

- 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 | *Software Engineer Intern*

October 2021 - December 2021

- 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 | *Technology Manager*

May 2019 - May 2021

- 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

Buff Forums

Designed and implemented Reddit-inspired mass forum web app catered towards CU Boulder students. Allows users to create and interact with text posts which are stored in a SQL database. Built with HTML, CSS, Javascript, PostgreSQL, EJS, and JQuery.

SKILLS

Languages: C++ | C | Python | Java | HTML | CSS | Javascript

Technologies/ Platforms: MySQL | Linux | Docker | Git | Node.js | AWS (Amazon Web Services)