Marcus Chong

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EDUCATION

University of Colorado Boulder — *BA, Computer Science // Minor, Business Administration and Management*

2019 - 2023 // Boulder, CO

SKILLS & RELEVANT COURSES

Languages: C++, Python, HTML, CSS, Javascript, React, EJS, Jquery,

Technologies/ Platforms: MySQL, Docker, Git, Node.js, AWS

Relevant Coursework: Algorithms, Data Structures, Software Development Methods and Tools, Computer Systems, Discrete Structures

EXPERIENCE

CU Boulder Air Force ROTC — *Full-Stack Development Intern*

2021 - PRESENT

Responsible for developing a web app aimed to gather data and put cadets in contact with necessary resources and post-process data in an anonymous fashion to create insights into cadet wings in order to improve the mental wellness of campus communities through improved wellness reporting.

Hana Japanese Bistro, Louisville CO — *Technical Manager/ Sushi Chef*

2017 - PRESENT

Facilitated technology and management-related tasks while simultaneously working as a sushi chef at my family restaurant since its opening in 2011. Officially started work in 2017.

PROJECTS

Buff Forums

Worked on front-end development of *Reddit*-inspired mass forum web app catered towards CU Boulder students. Developed with HTML, CSS, Javascript, PostgreSQL, EJS, and JQuery.

Liberation: Minotaur

Created an interactive maze and survival game inspired by the Greek tale of Theseus and the Minotaur utilizing object-oriented programming. Developed with C++.

Brewery Review Website

Developed a brewery review web app utilizing the Open BreweryDB API. Incorporates front-end features such as the ability to write and view reviews for real breweries as well as the ability to search and filter reviews. Also, incorporates a back-end database. Developed with HTML, CSS, Javascript, PostgreSQL, EJS, and JQuery.

USPS Data Analysis

Performed data analysis on two sets of experimental data used for tracking USPS shipments in order to find the data structure that yields the most ideal balance in run-time performance while creating visualizations for the data. Developed with C++.