

# 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, Boulder CO** — 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

2017 - PRESENT

Facilitated and managed all technological aspects of my family restaurant. Developed restaurant website, managed restaurant emails and social pages, and transitioned staff to an increased volume of online ordering during the pandemic

## PROJECTS

### Buff Forums

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

### Liberation: Minotaur

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