

# Jason Zhu

(415) 816-5439 | jasonzhu96@yahoo.com

<https://jasonzhu.tech> | [linkedin.com/in/jason-zhu-01](https://www.linkedin.com/in/jason-zhu-01) | [github.com/jzhu43](https://github.com/jzhu43)

## Education

**University of California, Merced**

May 2021

**Bachelor of Science, Computer Science and Engineering**

Dean's Honor List (Fall 2020 - Spring 2021), Chancellor's Honor List (2021)

### Relevant Coursework:

- Algorithm Design and Analysis, Data Structures (C++), Object-Oriented Programming, Operating Systems, Computer Organization and Assembly Language (C/MIPS), Computer Architecture, Intro to Computer Vision, Database Systems, Software Engineering

## Technical Skills

**Software Skills:** C++, Python, Java, JavaScript, HTML5, CSS3, SQLite, MATLAB, TypeScript, Git

**Front-end Frameworks:** Ionic, React, Angular

## Projects

**Software Engineering Capstone, Cisco's Cardboard Box to Cloud**

January 2021 - May 2021

### Frontend Developer

- Designed a hybrid mobile app for Cisco's server technicians aiming to mitigate human error when setting up server racks
- Deployed the frontend consisting of camera barcode scanning feature and display of assigned technician tasks using Ionic Framework
- Implemented page routing for technician server rack installation walkthrough using TypeScript
- Designed http requests to fetch live data through an API

### Sudoku Solver

- Developed console-based program with the intent of taking in sudoku puzzles and return a solved table
- Programmed in C with a brute-force algorithm
- Integrated pointers to use heap during method calls rather than stack memory

## Experience

**Whole Foods Market - San Francisco, CA**

June 2018 - August 2018

### Produce Service Member

- Provided high quality customer service and ensured that the produce shelves remained stocked
- Followed strict food safety guidelines to ensure produce being sold was safe for human consumption

## Leadership Experience

- UC Merced Rotaract August 2019 - May 2021
- UC Merced Archery Team August 2019 - May 2021