

# Jason Zhu

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## Education

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**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

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

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

## Projects

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**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

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**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

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