

# Justin Zhang

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## EDUCATION

### UNIVERSITY OF CALIFORNIA, MERCED

B.S IN COMPUTER SCIENCE

MINOR: BUSINESS AND MANAGEMENT

GRADUATED: JUNE 2020

HONORS: DEAN'S LIST

GPA: 3.3

## SKILLS

### TECHNICAL SKILLS

Programming Language

Java • HTML/CSS • Python • JavaScript  
C/C++ • MatLab • Swift • LaTeX • JQuery

Machine Kit

Arduino • Raspberry Pi • Python Flask

Spoken Language

Chinese • Japanese • Korean • English

## WORK EXPERIENCE

### FULL STACK SOFTWARE ENGINEER LEAD

EANO INC.

January 2021 - Current | Remote, CA

- Was offered a 11 percent raise after 3 months
- Fully in charge of building a new high impact API to support our client side teams using Python, SQL, and Django, JQuery
- Worked with Back-end, Front-end, Mobile-app, UI design and QA team developing new features and implementing it to CRM (Customer relationship management)
- Worked with a mass amount of database to improve faster and more efficient usages for users utilizing libraries from Amazon Web Service (AWS) as a base

### FULL STACK SOFTWARE ENGINEER

FORESIGHT MENTAL HEALTH

November 2020 - January 2021 | Remote, CA

- Developed a full stack web application platform allowing the user to Create,Read,Edit and Delete (CRED) data
- Used Python Flask to import large data from CVS and used MySQL as a database to store users information
- Utilized Python and Jinja2 for back-end
- Utilized JavaScript, BootStrap, HTML, CSS for front-end

## WORK EXPERIENCE CONT.

### FULL STACK SOFTWARE ENGINEER INTERN

UNIVERSITY OF CALIFORNIA, MERCED

Feb 2020 - June 2020 | Merced, CA

- Created a server/website using HTML and CSS connecting it to Raspberry Pi as a Front-end
- Written code in python through Python Flask as a Back-end controlling the Raspberry Pi
- Mentee under a former Google Employee learning both Front-end and Back-end mechanics

### INFORMATION TECHNOLOGY CONSULTANT

UNIVERSITY OF CALIFORNIA, MERCED

Sep 2018 - June 2020 | Merced, CA

- Provided technological assistance and customer service to over 6,000 students and over 300 staff members through effective communication, diagnosing, and problem solving
- Troubleshoot basic to advanced hardware, software, network problems for students and faculty

### SOFTWARE ENGINEER INTERN

LAWRENCE LIVERMORE NATIONAL LAB

June 2019 - August 2019 | Livermore, CA

- Analyzed large data-set using python through reinforcement learning and applying it to real-life simulations
- Coded a policy in virtual environment visualizing the neural network through graphs and decision trees
- Utilized all git commands as main source of sharing resources between teams

### MACHINE REINFORCEMENT LEARNING LABORATORY

UNIVERSITY OF CALIFORNIA, MERCED

March 2019 - Aug 2019 | Merced, CA

- Utilized libraries from Amazon Web Service as base for HAVC (Heating, Ventilation and Air Conditioning)
- Implement Python to reinforcement learning through Deep Q Networking using Intel coach environment
- Main purpose is to use Machine Learning to develop a perfect HAVC environment for people consuming the least amount of energy necessary through Artificial Intelligence (AI)

## LEADERSHIP

### SOCIETY OF ASIAN SCIENTISTS AND ENGINEER (SASE)

PRESIDENT

Feb 2016 - June 2020 | Merced, CA

- Revived chapter and mobilized full executive board for 2016-2017
- Connected the entire UC Merced campus forming an alliance with every STEM organization