

# JUDY ZHANG

(408) 207-2865

[in/judyjzhang](https://www.linkedin.com/in/judyjzhang) 

[judyzhang.codes](https://github.com/judyzhang/codes) 

[github.com/judyz01](https://github.com/judyz01) 

[judy.j.zhang@gmail.com](mailto:judy.j.zhang@gmail.com) 

## EDUCATION

**University of California, Davis**

Expected Graduation: June 2023

Bachelor of Science: Computer Science and Engineering

GPA: 3.66

**Relevant Coursework:** Vector Calculus, Discrete Math, Programming & Problem Solving,  
**Object-Oriented Programming, Data Structures & Algorithms**

## SKILLS

**Languages:** Python, JavaScript, C++, C, Java, HTML/CSS

**Tech Stack:** React, Node.js, Google Firebase

**Tools:** Visual Studio Code, Git, Bash

## WORK

### EXPERIENCE

**iD Tech**

September 2020 - Present

Coding Instructor

Remote

- Teaching groups of 5 students from ages 10-17 in a weekly virtual environment
- Classes include: Game Design in **JavaScript**, Neural Networks using **Python/NumPy**, and Card Games & Algorithms using **Java**

**City of Milpitas**

June 2019 - August 2019

Information Technology Intern

Milpitas, CA

- Maintained and upgraded the City of Milpitas' Wordpress website by updating 100+ webpages and making it ADA compliant
- Tested sites in various browsers and mobile devices to ensure cross-browser compatibility and responsiveness

**Verizon Media**

June 2018 - July 2018

National Academy Foundation Intern

Sunnyvale, CA

- Collaborated in an Agile/Scrum environment in a team of 5
- Designed, developed, and presented a website based on diversity using JavaScript that motivated users to create and share art from their cultural backgrounds
- Presented website to senior executives at Verizon Media and NAF

## PROJECTS

**HackDavis - Operation Pantry**

- Implemented a web app using **Python**, **Node.js**, **Firebase**, an **Arduino**, and a **Raspberry Pi**
- Created during a 24 hour hackathon that would automatically relay UC Davis' Pantry inventory to Firebase and directly to users' devices
- Placed top 4 finalist out of 100+ projects for the Google Cloud Platform category

**Algorithm Sorting Visualizer**

- Developed an app using **React**, **JavaScript**, and **Node.js**
- Generated up to 700 random arrays for users to sort through by using a quick sort, merge sort, or bubble sort implementation

**Discord Bot**

- Implemented **Discord.js**, **Node.js**, **Google Sheets API**, and **Node-Schedule**
- Developed a Discord bot that could read/write data from a Google spreadsheet and allow users to set reminders for specific tasks
- Used within a Discord server of 50+ people

## LEADERSHIP & EXTRACURR.

- **Clubs:** Google DSC, Women in Computer Science, Cybersecurity Club, Bit Project
- **Tech Lead at Google's Developer Student Club** at UC Davis
- Received certificate from Congressman Ro Khanna for tutoring students from K-6 for 5 years through Reading Buddies/Math Easy; continued starting my own private tutoring service