

JUDY ZHANG

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EDUCATION

University of California, Davis

Expected Graduation: June 2023

Bachelor of Science: Computer Science and Engineering

GPA: 3.65

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, 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 anything from Game Design to Neural Networks

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

NAF Intern

Sunnyvale, CA

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

PROJECTS

HackDavis - Operation Pantry

- Implemented **Python**, **Google Firebase**, an **Arduino**, and a **Raspberry Pi**
- Created a web app in a 24 hour hackathon that would automatically relay UC Davis' Pantry inventory to Firebase and directly to users' devices
- Out of 100+ projects, we became the top 4 finalists for the Google Cloud Platform category

Algorithm Sorting Visualizer

- Implemented **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