VEDANT SINGHANIA

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EDUCATION

Palo Alto High School	GPA: 3.9, Graduating June 2023	August 2021 – Present
Allen High School	Computer Science (2 semesters), Spanish (4 semesters)	August 2019 – May 2021

WORK EXPERIENCE

Marlo Joy Solutions – *Paid Intern*   May 2021 – August 2021
- Managed the website design, content, and newsletter
- Led one on one marketing efforts for 2 mental health events, with a 95% attendance rate

PROJECTS

Wheelchair Object Detection   September 2021 – Present
- Used Arduino and various third-party components to build a device for wheelchairs that detects objects like walls to prevent collisions
- For wheelchair users, it can be hard to see what's behind or at the sides of a chair, so the aim of this device is to prevent that by using object detection similar to that of a car

StockFalafel: Comprehensive Stock Tracking   May 2020 – September 2020
- Coded an easy-to-use comprehensive stock-tracking app to help investors track stocks, with a customizable watchlist, detailed stock information, and the day's most important stocks
- Many stock tracking and analysis services often are cluttered and hard to navigate and use, so we wanted to create something clean and simple

Chatterbox: Chat App for Students   February 2020 – May 2020
- Coded a user-friendly chat app built for students featuring direct messaging, group messaging, and simple tools for group moderation
- We wanted to make this app as approachable for students as possible, so we kept features simple and added some fun perks, like a random group name generator

VOLUNTEER EXPERIENCE & ACTIVITIES

My Possibilities – *Technical Volunteer*   February 2018 – Present
- Created and managed large donor databases containing over 10,000 rows on Excel including cross-referencing mailing lists to facilitate effective communication
- Helped with a salesforce database conversion project containing large donor databases with over 10,000 rows on Excel
- Cross-referencing mailing lists of all donors to verify personal info of the donors
- More recently, audited over 200 My Possibilities clients to ensure all information is accurate
- Received recognition of outstanding volunteer in 2020
- Gained a vast amount of knowledge of Microsoft Excel

Big Brainers– *Website Manager*   June 2021 – Present
- Managed a team of 3 people in order to redesign the website to improve the user experience (~8 hours)
- Gained deeper knowledge of website creation and how to manage a team

STEAM Ambassadors – *Leadership Team*   August 2020 – May 2021
- Created a STEAM-focused college and career center to advocate for STEAM in the community and got students excited about STEAM-related careers.
- Tutored students in 5th-9th grade math and science subjects (~25 hours)
- Organized a Girls in STEM camp to promote the inclusion of STEM and promote STEM careers. Camp had a turnout of over 200 girls in 2 days.

NAF – *Technical Volunteer*   September 2020 – August 2021
- Undertook a career readiness related data-gathering project that included outreach to NAF academies and the National Society of Black Engineers
- Contacted various non-profits in Dallas to gauge their interest in hosting internships for NAF students and gained a greater knowledge of various nonprofits and how they benefit the community
- Registered over 350 students for an online internship expo

Unified Robotics – *Volunteer*   August 2020 – November 2020
- Led a team of students with intellectual disabilities to build a LEGO Mindstorm Robot and compete.
- Enabled students to partake in hands-on STEM experiences in order to inspire them to enter the fields of STEM.

Project Modern Analytical Engine– *Web Team Lead*   March 2021 – May 2021
- Led the web aspect of designing a modern-day version of an analytical engine for people to understand how computers work
- Managed the creation of a website to promote and control the analytical engine remotely

ORGANIZATIONS

Computer Science Club   September 2020 – May 2021
- Organized a Computer Science Education Week Event where we taught high school students HTML and CSS and raised awareness about the lack of diversity in the field of computer science
- Learned about tech trends, popular programming languages, and cybersecurity

National Computer Science Honor Society   September 2020 – May 2021
- Tutored high school students in the Swift programming language (~15 hours)

National Junior Honor Society/National Honor Society   August 2018 – May 2021
- Accepted into the National Junior Honor Society based on a selective application process that considered academics, scholarship, leadership, and service
- Recorded over 200 volunteer hours over the course of membership through canned food drives accruing over 4500 cans, sandwich-making for the homeless, math, science, and computer science tutoring, and assisting various organizations with technical aspects

EXTRACURRICULARS

Choir   August 2017 – Present
- Participated in solo contests and selected out of hundreds of students to sing in the All-Region choir for 3 years in a row

AWARDS/RECOGNITION

Outstanding Volunteer Award   September 2020
- Received an award recognizing over 50 hours of technical volunteering with My Possibilities

Academic Recognition   February 2020
- Recognized for being in the top 5% of my class in freshman and sophomore year

SKILLS

Computer Skills: Microsoft Office, Google Suite, Git/Github, Linux
Programming Languages: Javascript, HTML, CSS, Python, Swift