

# Vedant Singhania

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## EDUCATION

**San Jose State University**

Undergraduate, Computer Science, GPA: 3.85

August 2023– May 2027

**Palo Alto High School**

August 2021 – June 2023

**Allen High School**

August 2019 – May 2021

## WORK EXPERIENCE

**Marlo Joy Solutions** – *Part-time Financial Assistant and Social Media/Website Manager*

May 2021 – August 2023

- Keep track of company expenses, manage design and content of website, regularly post content on social media platforms

## VOLUNTEER EXPERIENCE & ACTIVITIES

**My Possibilities** – *Technical Volunteer*

February 2018 – August 2023

- Create and manage large donor databases containing over 10,000 rows in 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 the personal info of the donors
- More recently, audited over 200 My Possibilities clients to ensure all information was accurate
- Received recognition of outstanding volunteer in 2020
- Gained a vast amount of knowledge of Microsoft Excel

**Big Brainers** – *Website Lead*

June 2021 – May 2023

- Worked with a small team of 3 people to regularly update the website with new information and to keep the website backend running smoothly

**Allen Independent School District** – *STEAM Student Leader*

August 2020 – May 2021

- Advocated for STEAM in the community (especially to students) through various initiatives such as creating a STEAM-focused college and career center
- Tutored students in 5th-9th grade in math and science subjects
- Organized a Girls in STEM camp (with a turnout of over 200 people) to promote diversity and inclusion in STEM and related careers

**NAF** – *Research/Engagement Volunteer*

September 2020 – August 2022

- 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
- Register over 350 students for an online internship expo each year

**Unified Robotics** – *Mentor*

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.

## INDEPENDENT PROJECTS

**Tunestats**

March 2022 – December 2022

- Created an application to show Spotify users various listening statistics
- Shows top songs, artists, and recent songs from various listening periods

**ChairSense**

September 2021 – December 2021

- 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**

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**

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

## ORGANIZATIONS/EXTRACURRICULARS

### **Choir** – *multiple organizations*

August 2017 – May 2023

- Ranked highly in solo contests and selected out of hundreds of students to sing in All-Region/All-State choirs for 3 years in a row
- Collaborate on planning highly successful choir community events as part of the choir leadership team (August 2022 - May 2023)

### **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

### **National Honor Society**

August 2018 – May 2021

- Accepted into the National 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

## AWARDS/RECOGNITION

### **National Merit Finalist**– *National Merit Scholarship Corporation*

May 2023

### **Academic Recognition**– *Allen High School*

February 2021

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

### **Outstanding Volunteering Award**– *My Possibilities*

September 2020

- Recognized for over 50 hours of technical volunteering with My Possibilities

## TECHNICAL SKILLS

**Computer Skills:** Microsoft Office, Google Workspace, Quickbooks, Git, Linux

**Programming Languages:** Javascript, HTML, CSS, Python