

# Khaled Zaza

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## Education

### San Jose State University Bachelor of Computer Science

• GPA: 3.86/4.00

Expected Graduation: May 2024

## Skills

**Skills:** Python, C++, Java, HTML, CSS, Flask, Bootstrap, Pandas, Debugging, OOP, Algorithms, Data Structure, GitHub, Git, APIs, macOS, Windows, Linux, Networking, MS Office Suite, Leadership, Accounting.

**Languages:** English, Arabic

## Professional Experience

### Software Engineer Intern

Spartan Racing, SJSU Formula SAE

San Jose, CA

Oct 2022 – Current

- Design Simulations on MATLAB(Simulink) to improve the design and performance of the vehicle.
- Develop Python Tools to Scrape Websites, which cut the scraping period by more than a %2,000.
- Develop Launch Control systems, which helped the team to improve lab time.
- Analyzed points for the competition and ways to improve our previous record.
- Design Flowcharts for the Software to make the communication of complex logic within the system more accessible.

### Data Science Researcher

San Jose State University

San Jose, CA

Jun 2022 – Sep 2022

- Developed Automation programs in Python that reduced the time by more than %1,000.
- Extracted data from multiple sources to have more accurate data.
- Researched trends and articles that highlight the problems.
- Analyzed and modeled data from databases.
- Created visually appealing and interactive data visualizations.

### IT Engineer Intern

CompTechS (De Anza College)

Cupertino, CA

Sep 2021 – Dec 2021

- Installed, supported, and troubleshoot systems.
- Refurbished Laptops to help cut down the e-waste.
- Performed planned maintenance.
- Trained new Interns.

## Projects

### Indexify Application

Oct 2022

- Skills used: Java, JavaFX, SceneBuilder, GitHub, OOD, IntelliJ.
- Created a flexible and user-friendly Desktop application for a digital index card manager to help students with studying.
- Supporting multiuser with encrypted passwords for security.

### Stock Watch

Jan 2022

- Skills used: Python, requests, Twilio, PythonAnywhere, GitHub, HTML.
- A web application allows users to pick their favorite stocks and sends SMS notifications based on percentage changes of their favorite stocks, including the most recent news about stocks.

### Car Braking System

Sep 2020

- Skills used: C++, Robotics, Arduino, RC assembly, Electrical Engineering.
- Created a car braking system to improve driving quality and reduce the amount of rear-end accidents.
- Developed a code for brake pattern and speed to identify braking frequency.