Khaled **Zaza**

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**Education**

**San Jose State University** Expected Graduation: May 2024

**Bachelor of Computer Science**

• **GPA:** 3.86/4.00

**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** San Jose, CA

Spartan Racing, SJSU Formula SAE 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.

• Designing Flowcharts for the Software to make communicating complex logic within the system more accessible.

**Data Science Researcher** San Jose, CA

San Jose State University 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** Cupertino, CA

CompTechS (De Anza College) 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.