

Khaled Zaza

Khaledzaza.cs@gmail.com | 650-695-9828 | [Website](#) | Santa Clara, CA

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.
- Designing Flowcharts for the Software to make communicating 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.