

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, SQLite, 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

- Designing Simulations on MATLAB(Simulink) to improve the designing and performance of the vehicle.
- Developing Python Tools to Scrape Websites, which cut the scraping period by more than a %2,000.
- Developing Launch Control systems, which helped the team to improve the lab time.
- Analyzing 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

- Developing Automation programs in Python, that reduced the time more than %1,000.
- Extracting data from multiple sources, to have more accurate data.
- Researching for trends and articles that highlight the problems.
- Analyzing and modeling data from databases.
- Creating visually appealing and interactive data visualizations.

IT Engineer Intern

CompTechS (De Anza College)

Cupertino, CA

Sep 2021 – Dec 2021

- Installing, supporting, and troubleshooting systems.
- Refurbishing Laptops, to help cut down the e-waste.
- Performing planned maintenance.
- Training new Interns on a monthly basis.

Projects

Indexify Application

Oct,2022

- Skills used: Java, JavaFX, SceneBuilder, SQLite, GitHub, OOD, IntelliJ.
- Created a flexible and user-friendly Desktop application for 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 favorite stocks and sends SMS notifications based on percentage changes of your favorite's stocks, Including 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.