Zain Khan

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PROFESSIONAL SUMMARY

Dedicated and hardworking software engineering student with interested in pursuing a role in software development

SKILLS

- Languages: (Proficient) Java, SQL, Kotlin, Python, C | (Familiar) Javascript/HTML/CSS
- Frameworks and Libraries: Node.js
- Tools: Git, Windows, Linux, Docker, Gradle, Wordpress, VS Code, Android Studio, Blender, Slack

WORK EXPERIENCE

SJSU CS Dept San Jose, CA

Research Assistant Sept 2022 – June 2023| Professor Fabio Di Troia

- Analyzed malware samples, identifying behavior and attack vectors.
- Conducted controlled experiments to test malware, meticulously documenting actions and damage.
- Responded promptly to security incidents, analyzing breach aftermath, and developing mitigation strategies.
- Kept abreast of emerging threats, staying current with malware trends and evolving attack techniques.
- Collaborated with teams to design and implement security measures, contributing to a proactive defense strategy.
- Maintained comprehensive records of malware findings, research methodologies, and lessons learned.

PostalAnnex+ San Jose, CA
IT Intern/Developer/Assistant Manager| January 2018 - Current
- Provided technical support to employees, addressing IT-related queries, and resolving issues promptly.
- Supported the development and maintenance of the company's website, ensuring optimal functionality and user experience.
- Demonstrated excellent customer service skills, ensuring customer satisfaction and fostering positive relationships.
- Played a key role in improving survey submissions from customers by identifying pain points in the customer feedback.

FTC Leader (#3501) Sunnyvale , CA

Team Leader Apr 2020 – June 2022

- Managed and designed software solution with a team of student to design and built robot for competition in the FIRST Tech Challenge

Projects

Robotics Team Robot (FRC Tournament 1st Place Winner) (Apr 2020- June 2022) San Jose, CA

https://github.com/FIRST-Tech-Challenge/FtcRobotController

- Collaborated with a team of students to design and build a robot for competition in the FIRST Tech Challenge.
- Developed and implemented code for robot movement, sensor data processing, and autonomous operation using Java.
- Utilized agile software development methodologies to plan and execute project tasks.
- Implemented a three-wheel odometry algorithm to accurately estimate the position and orientation of the robot based on wheel encoder data.

EDUCATION

San Jose State University San Jose, CA

Bachelors of Science, Software Engineering June 2026 EXP (GPA 3.9)

Organizations/Awards: Honors Program, Dean's Honors List