

Zeid Zawaideh

📞 858-945-1792 | ✉️ zeidfz@gmail.com | 🌐 Zeid Zawaideh

SKILLS

BACK END DEVELOPMENT | Python • C++ • Java • Spring NodeJS

MISCELLANEOUS | Amazon AWS • Machine learning

FRONT END DEVELOPMENT | ReactJS • Swift • JavaScript • HTML • CSS

SOFT SKILLS | Team player • Bias for action • Result-driven

EXPERIENCE

Qualcomm Modem Software Test | Machine Learning, Python, 5G LTE, KPI's

Software Engineer Intern | May 2024 - August 2024, San Diego, CA

Machine Learning Traffic Classification

- Helped develop a Machine Learning Parser using LAF (Log Analysis Framework) to analyze and track network traffic for the 5G-Data subsystem.
- Processes log entries extracting, computing, and storing results in table(s) for further analysis.
- Parser detects the accuracy of flows for Gaming, OTT, and nRT regarding KPI latency performance.
- Validated Gaming Automation Enhancements for multiple applications to ensure proper testing accuracy.
- Scripted OTT Automation for Microsoft Teams Application: The Primary Device opens Application, finds the desired contact, and makes the call. The Secondary Device will answer, and the call will last for the desired time needed.

High-level goal being to run the two automations while using the Parser to investigate the network traffic and accuracy of the KPI Latency performance for the application(s) in use.

Qualcomm Modem Software | 5G LTE, C Language, API's

Software Engineer Intern | May 2023 - August 2023, San Diego, CA

Timeline Profiling API Library

- Refactored a timeline profiling API into a library, integrating it to extend log packet(s), enhancing tracking capabilities of sleep and wake-up activities for 5G LTE.
- This library collected time between activities, including the overall and expected timeline for these activities regarding 5G LTE.
- With this standard library implemented, the library enabled any client from LTE and NR to add a tailored timeline profile table for specific events into their log packet. Offering precision in event monitoring and analysis.

Qualcomm Modem Software Test | Software Development, C++, AWS

Embedded Software Engineer Intern | May 2022 - August 2022, San Diego, CA

Satellite Over Snapdragon

- Using software development skills, investigated developing a mechanism incorporating end-to-end testing by looking into any delays and issues between the middleware and application layer.
- The automation allows checking within the application and middleware regarding functional and performance issues.
- Test cases were initiated via automation from the application level to middleware and data demon. While traversing the automation will find issues, whether functional or performance.
- Call flow and end-to-end message verification, whether successful or failed, using automation.

EDUCATION

Cal State University, Fullerton

B.S., Computer Science

December 2024 | Fullerton

COURSEWORK

Algorithm Engineering

Artificial Intelligence

Data Structures

Object-Oriented Programming

Developing IOS Applications

Computer Communications

Applied Statistics

Linear Algebra