Gian Paul Ramirez

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OBJECTIVE

Driven software engineering graduate student at the University of Central Florida with hands-on experience at Amazon and a strong foundation in Java, Python, and C#. Proven ability to write production-level code in Agile environments, with strengths in software architecture, mobile development, and system optimization. Seeking a [POSITION_HERE] to contribute to impactful, collaborative engineering efforts while continuing to grow as a software developer.

EDUCATION

University of Central Florida | M.S. in Computer Science — Aug 2026
- GPA: 4.00

University of Central Florida | B.S. with Honors in Computer Science, Minor in Mathematics — May 2023
- GPA: 3.33
- 2x Dean's List and 1x President's List award recipient

SKILLS

- Languages: Java, Python, C, C#
- Tools: WearOS, Android, ROS 2, SQLite, Git, Bash, Gradle, CMake, Unity, Android Studio

EXPERIENCE

Freelance Software QA & AI Code Evaluator — May 2024 - Present
DataAnnotation.tech | Remote

- Evaluated AI-generated programming solutions to user-submitted prompts by creating 6–12 custom criteria per task to define ideal response structure and functionality.
- Conducted code reviews across various languages such as **Python** and **Java** to validate correctness, efficiency, and adherence to software engineering principles.
- Tested generated code for accuracy and logical flow while identifying edge cases and gaps in reasoning, contributing to the refinement of LLM-based code generation systems.

Software Engineering Intern, Alexa Wearables — Jun. 2022 - Sep. 2022
Amazon | Sunnyvale, CA

- Designed and developed Alexa's timers, alarms, and reminders for smartwatches. Rapidly onboarded on to a large codebase composed of complex dependencies, requiring quick learning of **Java**, the **WearOS API**, and the **Android NDK** with minimal guidance due to a transition in management.
- Implemented a local **SQLite** database using **Room** to store alert times and messages. This led to a reduction in alert latency by 25% during losses of connectivity and system restarts without increasing memory footprint.
- Participated in the early stages of the Software Development Lifecycle, analyzing requirements by accounting for use cases, creating and iterating on a design document outlining application architecture, and implementing said design while taking into account data privacy concerns and minimizing the impact of previous technical debt.

Software Engineering Intern, Alexa Wearables — Jun. 2021 - Sep. 2021
Amazon | Sunnyvale, CA

- Created a prototype for a phone-free Alexa application for smartwatches. Collaborated with leaders to define the milestones and timeline of deliverables during a team-wide project transition.
- Learned to utilize **CMake** and **Gradle** for build automation. Found, documented, and addressed library incompatibilities, creating build scripts while familiarizing myself with **Bash** and the command-line interface.
- Leveraged previous knowledge of multithreading and singleton design patterns to overcome memory and activity lifecycle limitations. Wrote a document addressing pitfalls during the development process to facilitate hand-off.