

Christian James Achacoso

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SUMMARY

Detailed-oriented **Software Quality Engineer** with 3+ years of experience supporting autonomous vehicle systems at **Nuro** and **Waymo**. Strong background in **software validation, triage, scripting, and CI/CD collaboration**. Proven ability to identify high-risk issues, improve system reliability, and partner cross-functionally with engineering teams.

EDUCATION

San Francisco State University - San Francisco, CA | May 2021

Bachelor of Science in Computer Science

Minor: Mathematics

Relevant Coursework:

Data Structures, Software Engineering, Probability & Statistics, Linear Algebra, Human-Computer Interaction

TECHNICAL SKILLS

Programming & Scripting:

Python, Java, Bash, Shell, C++, SQL, HTML, CSS, JavaScript

Testing & QA Tools:

Jira, CI/CD Pipelines, Software Validation Testing, Bug Tracking, Test Documentation, IQC/OQC Inspection

Platforms & Systems:

Linux/UNIX, Git, GitHub, Google Cloud Platform, VS Code, Oracle, SAP

Other Skills:

Root Cause Analysis, Test Case Design, Data Analysis, Cross-team Collaboration, Mentoring

EXPERIENCE

Nuro – Mountain View, CA

Quality Technician | Mar 2024 – Present

- ❖ Troubleshoot and resolve autonomous vehicle compute failures, improving system reliability and performance.
- ❖ Develop Bash and Shell scripts to validate and configure AV compute systems, sensors, and components.
- ❖ Perform Incoming and Outgoing Quality Control (IQC/OQC) inspections, reducing defects in manufactured parts and vehicle builds.
- ❖ Execute software validation testing to ensure AV functionality meets safety and performance standards.
- ❖ Collaborate with engineering and operations teams on CI/CD pipeline improvements, supporting timely releases.

Waymo (via Cognizant) – Mountain View, CA

Senior Software Quality Operations | Aug 2023 – Feb 2024

- ❖ Analyzed data from weekly AV simulations, identifying trends that led to operational improvements.
- ❖ Created detailed documentation and reports to streamline workflows and improve consistency.
- ❖ Updated and refined quality policies, improving procedural efficiency across teams.
- ❖ Led training and review sessions for new hires, improving onboarding efficiency and knowledge retention.

Waymo (via Collabera Inc.) – Mountain View, CA

Software Quality Operations Associate | Feb 2022 – Aug 2023

- ❖ Triaged simulated autonomous driving events, strengthening safety protocols and operational reliability.
- ❖ Identified, documented, and prioritized software issues, enabling faster remediation by engineering teams.
- ❖ Conducted in-depth analysis of software performance metrics, contributing to system improvements.

PROJECTS

EDM Producer Website (HTML, CSS, JavaScript)

- ❖ Built a responsive promotional website featuring artist bio, music, and contact information.
- ❖ Focused on usability, clean UI design, and user engagement.

Visualization of Large Numbers of High Dimensional Points (Python)

- ❖ Processed and organized CSV datasets for multi-dimensional visualization.
 - ❖ Developed a tool to plot complex data into structured visual representations.
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