

OSCAR LEUNG

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EDUCATION & CERTIFICATIONS

San Jose State University | B.S. Computer Science, Minor in Japanese | Master Class Interview Kickstart Level Up: Test Engineering

Relevant coursework: Software Engineering · Data Structures & Algorithms · Operating Systems · Databases · Security · Artificial Intelligence

Certifications: Succeeding as a First-Time Tech Manager · Model Validation 2 - Expert

SKILLS

AI/LLM Evaluation: Model Output Scoring, Adversarial Red-Teaming, Agentic Workflow Testing, RLHF Preference Ranking, Prompt Engineering, Rubric-Based Scoring, Hallucination & Bias Validation, Agent & RAG Evaluation, Golden Datasets

Test Automation & QA: Selenium WebDriver, Playwright, Cypress, pytest, JUnit, Page Object Model, Automation Framework Design, API Testing, Regression/Smoke/Exploratory Testing, Cross-Browser, Shift-Left Testing, Test Strategy & Case Design, Requirements Traceability

Languages & Data: Python, JavaScript/TypeScript, Java, SQL, TCL, MySQL, MongoDB, JDBC, ETL & Data Validation Testing

CI/CD, Cloud & DevOps: Azure DevOps, Jenkins, GitHub, TeamCity, Copado, Docker, AWS, Google Cloud Platform, Agile/Scrum

Platforms & Tools: Claude Code, Android Studio, Xcode, Salesforce CRM, JIRA, TestRail, Postman, Git/GitHub, Loggly, Microsoft Teams

EXPERIENCE

Handshake AI

11/2025 – Present

AI Model Evaluator & Annotator

- Elevated code-generation quality for a frontier AI lab across **600+ agentic coding evaluations** spanning 500+ hours — triaging PR validity and difficulty, authoring ground-truth reference solutions, and earning recurring quality-performance bonuses
- Surfaced cross-model failure modes for fine-tuning by adversarially red-teaming LLM outputs against edge-case prompt suites
- Engineered a task-claiming automation for a high-contention queue contested by **120,000+ fellows**, outpacing manual claim workflows

State of Illinois

04/2024 – 09/2024

Software QA Engineer

- Scaled QA ownership **3×** — from 1 to 3 agency sites — during a 30+ site statewide rollout, authoring 300+ Page Object Model scripts in Copado and standing up an Azure DevOps CI/CD pipeline for continuous regression; credited with a LinkedIn recommendation from the strategic lead
- Codified onboarding runbooks and mentored incoming engineers, becoming the reference point for test practices across a **30+ person QA org**

Maxar Technologies

03/2022 – 11/2023

Spacecraft Systems Integration and Test Development Engineer (promotion)

- Certified **100% imaging requirement compliance** by architecting 50+ camera-control test scripts and verification strategies spanning command, telemetry, illumination, power, recording, and deployment sequences — partnering with systems engineering to close specification gaps
- Modernized flight-test tooling by porting **heritage TCL suites to TCL2** across 1300-series programs, validating new command and telemetry keywords while consolidating shared libraries reused across spacecraft subsystems
- Held live satellite testing to schedule by covering evening test-floor shifts, authoring and revising live test procedures in real time for hardware and mechanical engineers during deployment verification

Software Quality Engineer

- Re-platformed requirements management across satellite programs — including **NASA's Power and Propulsion Element (PPE)** — migrating DOORS to Jama and leading a Jama-Jira integration on an AWS-hosted instance that delivered end-to-end traceability and audit readiness
- Strengthened contract competitiveness by auditing 4 programs and advancing software assurance **one CMMI maturity level** against NASA Procedural Requirements, chairing weekly retrospectives that retired recurring audit findings across teams
- Raised team capability through weekly 1:1s with every software quality engineer, and selected to lead **30+ interns** across a company-wide facility tour and cross-department programs

Location Labs (Avast)

06/2019 – 11/2019

Quality Assurance Engineer

- Delivered **4 major Android and iOS carrier releases**, triaging 500+ Jira tickets, filing 200+ defects, and verifying 330 fixes and 80 user stories across AT&T, T-Mobile, Comcast, and Verizon integrations
- Expanded regression coverage by curating **100+ TestRail cases** for new Android and iOS features and handing them to the automation team for scripting, while mentoring fellow QA contractors

PROJECTS

QA Automation Portfolio github.com/oscar-leung/playwright-qa-portfolio

26 Playwright/TypeScript UI and API tests built on the Page Object Model with storageState auth reuse and GitHub Actions CI

Salesforce CRM Automation github.com/oscar-leung/CRM-Automation

Java/Selenium WebDriver framework built from scratch on the Page Object Model, automating Salesforce call-report workflows end to end with locators encapsulated in reusable page classes for low-maintenance regression

LinkedIn Job-Sourcing Automation [LinkedIn write-up](#)

Python/Selenium sourcing pipeline executing **78 parameterized searches at a 0% failure rate**, parsing 10,376 posts and distilling 283 contact-rich results into 49 deduplicated email leads and 120 qualified job links

Aimer Slackbot github.com/oscar-leung/Aimer

Python Slack bot delivered by a 4-person team in a one-day Location Labs hackathon — **placed 2nd of 23 teams**