

Aidan Marra

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EDUCATION

San Jose State University - B.S. in Data Science (Expected May 2027)

Relevant Coursework: Python; Intro to Programming (Java); Discrete Math; Intro to Data Structures in Java; Linear Algebra; Data Structures and Algorithms; Applied Probabilities and Statistics, Processing Big Data - Tools and Techniques, Introduction to Computer Systems

EXPERIENCE

Machine Learning FullStack Developer - Roboken - Remote - Oct 2025 to Present

- Built the multi-step agent workflow for chat requests, implemented validation, testing, and debugging stages with backend runners and REST endpoints.
- Shipped the UI and API wiring for step-by-step execution, added structured logging and artifact output so results are inspectable and demo-ready.
- Implemented Google Sign-In OAuth login gating and enforced authenticated usage controls.
- Integrated and debugged AWS-backed services and deployment configuration to support the alpha release.

Machine Learning Intern - Roboken - Tokyo, Japan - Jun 2025 to Aug 2025

- Prototyped ML-assisted automation features in Python for agent workflows, focused on reliability and measurable behavior.
- Built small evaluation examples and failure-case tests to validate outputs and reduce regressions before integration.

AI Writing Evaluator - Outlier AI - Remote May 2024 to Jun 2025

- Evaluated AI-generated writing against rubrics and provided structured feedback
- Created examples and edge cases to stress-test prompts and reduce failure patterns
- Documented issues and suggested criteria tweaks for more consistent outputs

SKILLS

- Languages: Python, Java, SQL, Bash, JavaScript, HTML, CSS, R, C++, Assembly
- AI/ML: LLM development, OCR, Computer Vision, Prompt Engineering, Response Evaluation
- Data Engineering: Linux, UNIX CLI/Shell Scripting, Regex, PySpark, Airflow, Hive
- Libraries: NumPy, PyTorch, TensorFlow, SciKit, Matplotlib
- Tools: Git/GitHub, Docker, SSH, Windows Powershell, React
- Spoken: English, Japanese

PROJECTS

Hackathon Project; Website Risk Checker (Cal Hacks) | Dec 2025

- Built a Java CLI that scores URL risk using lightweight heuristics (URL structure plus page signals) and outputs a concise risk report with reason codes
- Packaged a reproducible demo with Maven tests, Docker, and GitHub-based collaboration/documentation

ACHIEVEMENTS & HONORS

- Dean's Scholar, San Jose State University (2023 to 2025)
- California Scholarship Federation Life Member Award (2022)
- AP Scholar (2023)

INTERESTS

Strength training; Photography; Cars; Traveling; Technology; Sports; Cooking; Music