

Jordan Walker

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Applied AI Engineer & Software Developer

[GitHub](#) | [LinkedIn](#)

Summary

Applied AI engineer and software developer with hands-on experience building full-stack systems, evaluating AI model outputs, and shipping production-quality code. Strong foundation in computer science fundamentals with proven ability to write, debug, and optimize code by hand across multiple languages. Known for pragmatic AI integration, clear technical communication, and ownership of systems from design through deployment.

Education

California State University, East Bay — Bachelor of Science in Computer Science (Aug 2023 – May 2026) | GPA: 3.6

Relevant Coursework: Machine Learning, Artificial Intelligence, Software Engineering, Natural Language Processing, Discrete Math, Linear Algebra, Computer Architecture, Logic and Design, Calculus 1-2, Automata, Physics for Engineers

Technical Projects

theOnlineCloset — Applied AI Developer & Full-Stack Engineer (Jul 2024 – Present)

- Developed a full-stack web application allowing users to digitally organize clothing items and generate and share outfit combinations.
- Architected and deployed a React front-end using component-based design and responsive UI patterns.
- Implemented an automated image-processing pipeline in Python to extract garments from backgrounds, improving recommendation quality.
- Designed and implemented a custom recommendation algorithm generating personalized outfit suggestions.
- Integrated AI-powered features with manual validation to ensure correctness and usability.

Multi-Library Management System — Software Engineer (Jan 2025 – May 2025)

- Coordinated development with a four-person team using GitHub, reducing merge conflicts by ~60%.
- Implemented a distributed client/server application supporting inventory operations across branches.
- Engineered a custom message-handling protocol inspired by IP datagram headers.

- Achieved 100% unit test coverage using JUnit and enforced correctness through test-driven development.

Professional Experience

Project Developer (Applied AI) — Outlier AI (Feb 2024 – Dec 2024)

- Developed original solutions in Python, C++, Java, and R to validate AI-generated outputs.
- Focused on correctness, edge-case handling, and performance benchmarking.
- Collaborated asynchronously with distributed teams using Slack and Discord.

Core Skills

Languages: Python, JavaScript, Java, C/C++, R, Lua, HTML/CSS

Frameworks & Tools: React, Flask, Node.js, Git, Docker, Firebase, Unity

Applied AI & Data: Recommendation Systems, AI Model Evaluation, pandas, NumPy

Engineering: System Design, Unit Testing (JUnit), Debugging, Technical Documentation