

Summary

UC Berkeley Data Science graduate and **Apple Engineering Project Manager** specializing in **AI/ML data programs**, automation, and scalable engineering solutions. Experienced in Python, Unix/Linux, ETL pipelines, and leading cross-functional technical initiatives from concept through production.

PROFESSIONAL EXPERIENCE

Apple Inc. (Contract) | AI/ML Data Operations → Engineering Project Manager Cupertino, CA | 01/2025 – Present

- ❖ **Promoted from AI/ML Data Operations to Engineering Project Manager** after helping launch Apple's first-generation AI/ML prototype data collection program.
- ❖ **One of the original founding members** of the AI/ML data collection team for a first-generation prototype device, establishing the collection processes, tooling, documentation, and workflows that became the foundation for future programs.
- ❖ **Led end-to-end delivery of 9+ AI/ML data collection programs**, owning project planning, execution, deployment, risk management, and cross-functional coordination.
- ❖ **Managed AI/ML datasets exceeding 1 PB (1,000+ TB)**, supporting **10,000+ hours of collected data** and **50,000+ annotated assets** across multiple prototype initiatives.
- ❖ **Designed and standardized Apple's AI/ML data collection operational framework**, including onboarding, scheduling, documentation, SOPs, and engineering processes adopted by future teams.
- ❖ **Built Python, Bash, Unix/Linux, and SSH automation** to communicate with prototype devices, automate data extraction, metadata validation, ETL pipelines, and engineering workflows.
- ❖ **Developed internal metadata management tools, dashboards, KPI reporting, and automated QA systems**, significantly improving data integrity, project visibility, and operational efficiency.
- ❖ **Installed prototype OS builds** on unreleased Apple hardware and partnered with software engineers to develop internal tools supporting AI/ML research and data collection.
- ❖ **Led technical onboarding and training for 40+ AI/ML moderators, 2 Project Managers, and 3 Data/Backend Engineers**, creating technical documentation and mentoring new team members.

ZC Global Commerce LLC | Co Founder

Richmond, CA | 07/2023 – 01/2025

- ❖ Built **forecasting and inventory optimization systems (Python, Excel)**, reducing **shipping costs by 30%**
- ❖ Led **end-to-end business operations**, including **pricing strategy, supplier management, and logistics**
- ❖ Developed **automated reporting dashboards** to track **revenue, margins, and operational KPIs**

The Spark Foundation | Data Science Intern

Remote | 12/2022 – 05/2023

- ❖ Performed **data analysis using Python and SQL** to generate business insights
 - ❖ Built **Tableau and Power BI dashboards** for stakeholder decision-making
 - ❖ Improved **model performance by 20%** through **feature engineering and data preprocessing**
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EDUCATION

B.S. in Data Science | University of California, Berkeley | 2019 – 2023

CORE SKILLS

Programming: Python, Bash/Shell, Unix/Linux, Git, SSH, REST APIs, JSON

Data & Cloud: ETL/ELT Pipelines, Data Automation, Data Validation, Metadata Management, AWS (S3), Data Processing, Workflow Automation

Analytics: Exploratory Data Analysis (EDA), KPI Development, Data Quality, Forecasting, AI/ML Data Operations, NLP (Foundational)

Program Management: Technical Program Management, End-to-End Project Delivery, Cross-Functional Leadership, Stakeholder Management, Roadmapping, Risk Mitigation, Process Improvement, Jira