

James Bond

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Summary

Data scientist with a strong background in applied mathematics and linear algebra.

Self-taught AI Engineer with hands-on experience in modern ML techniques.

Skilled in Python, R, SQL, and data visualization for real-world applications.

Extensive experience building and deploying end-to-end ML and AI agent systems.

Experience

Data Analyst Intern

Pasadena, CA

Kaiser Permanente

June 2024 – Sept 2024

- Developed process automations (UiPath) and patient data analysis to improve clinical insights.
- Authored SQL queries and PowerBI reports, boosting analytics capacity for the team by 30%.

Education

University of California, Santa Barbara

California, USA

in Applied Mathematics

Sept 2019 – June 2023

- Focused coursework: linear algebra, numerical analysis, predictive analytics.

Projects

Data Analyst AI Agent for Kaiser Permanente

Nov 2024 – present

Developed a full-stack AI data analyst agent adopted as a key project by Kaiser Permanente's innovation team.

- Designed agentic system (>7000 LOC) from scratch using Python, automating data analysis workflows.
- Improved reporting efficiency and technical standards across the innovation team.

CareerCopilot Platform

May 2024 – present

Founded a platform streamlining job searches with resume analysis, job matching, and technical tests.

- Built all platform features; currently in funding process and seeking seed investment.
- Automated resume optimization and job application workflows for users.

CNN Image Classifiers

Oct 2023 – Feb 2024

Fine-tuned pre-trained models for image classification; implemented advanced transfer learning.

- Achieved 96.2% accuracy (cats vs. dogs) and 99.3% on MNIST (near state-of-the-art).
- Published project and code: github.com/jamesbond/computer_vision_using_CNN.

Skills

Programming Languages: Python (Native), SQL (Proficient), R (Advanced), C# (Intermediate)

ML Frameworks & Libraries: Keras, TensorFlow, HuggingFace, PyTorch, Scikit-Learn

Data Analytics: PowerBI, UiPath, SQL, automation

Applied Math: Linear algebra, numerical analysis, predictive analytics

AI Systems: End-to-end ML, agent systems, workflow automation