# James Bond

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## Summary

Data scientist and AI engineer with strong applied mathematics background.

Skilled in Python, R, SQL, and data visualization; focus on ML systems from scratch.

Specializes in building advanced agentic and machine learning systems.

Experienced in large-scale projects with end-to-end system design.

## Experience

**Data Scientist, Innovation Team** *Pasadena, CA*
*Kaiser Permanente* *Nov 2024 – present*
- Led design/development of >7000-line Data Analyst AI Agent driving innovation funding.
- Built agentic system architecture with data analytics, ML workflows, and automation.
- Streamlined team processes, delivering measurable business impact.

**Data Analyst Intern** *Pasadena, CA*
*Kaiser Permanente* *June 2023 – Sept 2023*
- Created SQL queries and PowerBI dashboards for analytics reporting.
- Developed CNN for X-ray abnormality detection, providing diagnostic insights.
- Automated workflows with UIPath RPA for operational efficiency.

## Education

**University of California, Santa Barbara** *Santa Barbara, CA*
*in Applied Mathematics* *Sept 2019 – June 2023*
- Applied SVD and linear algebra techniques for predictive analytics.
- Studied numerical analysis and computational optimization methods.

## Projects

**CareerCopilot** *Feb 2024 – present*
Comprehensive career platform for job seekers, enabling resume enhancement, job matching, and tech tests.
- Founded and led platform design/architecture; implemented end-to-end features.
- Built automated job matching, technical test modules, and applicant tracking.

**Convolutional Neural Network Image Classifiers** *Oct 2023 – Feb 2024*
Developed and fine-tuned image classifiers with transfer learning and state-of-the-art accuracy.
- Achieved 96.2% accuracy in dog vs. cat classification with transfer learning.
- Reached 99.3% accuracy for MNIST digit classification (top-tier performance).

## Skills

**Programming:** Python (native), R (advanced), SQL (proficient), C# (intermediate)

**ML/AI Development:** Keras, TensorFlow, PyTorch, Sci-Kit Learn, HuggingFace

**Data Visualization:** PowerBI, matplotlib, seaborn

**Automation & RPA:** UiPath, automated pipelines, workflow design

**Analytics:** Predictive modeling, optimization, business impact analysis

**System Design:** Agentic systems, platform architecture, integration