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Profile

Data scientist and AI engineer with a KTH M.Sc. in Machine Learning, currently working on applied ML at a Swedish government agency, having also built a GenAI venture on the side. I work at the intersection of business problems and applied AI; identifying problems to be automated, then designing, building, and shipping the solutions. Hands-on with Python, RAG, LLM deployment, FastAPI, and Azure.

Highlights

- Raised 250k SEK in angel funding for a GenAI venture I co-founded.

Education

KTH Royal Institute of Technology	Stockholm, Sweden
M.Sc. in Computer Science, specialisation in Machine Learning	2022
B.Sc. in Industrial Engineering and Management	2020

Experience

Swedish National Audit Office (Riksrevisionen)	Stockholm, Sweden
Data Scientist / AI Engineer	Oct 2022 – Present

- Built anomaly-detection pipelines on general-ledger data, replacing manual transaction review and supporting risk-based auditing.
- Built and evaluated RAG pipelines and local LLM deployments as part of the agency's AI team.

KTH Royal Institute of Technology	Stockholm, Sweden
Teaching Assistant, Machine Learning	Sep 2021 – Oct 2022; 2026 – Present

- Teaching and grading examinations for M.Sc. and Ph.D. students in artificial neural networks and probabilistic models.

SAAB Aeronautics	Järfälla, Sweden
Master's Thesis Student, Applied Deep Learning	Jan 2022 – Jun 2022

- Implemented a domain-adaptation module to align simulated and real-world flight imagery, improving the transferability of perception models.

Skills

Machine Learning: anomaly detection, scikit-learn, TensorFlow, PyTorch, NumPy, SciPy
LLMs & Generative AI: LLM APIs, prompt design, RAG concepts, embeddings, NLP
Engineering & Cloud: Python, SQL, PostgreSQL, FastAPI, REST APIs, Microsoft Azure, Kubernetes, virtual machines
Frontend: React, JavaScript, HTML, CSS

Languages

English (fluent), Swedish (fluent), Arabic (fluent), Spanish (basic)