

# Shahin Salehi

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## Summary

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Full-stack Data Scientist with a strong track record of designing, deploying, and scaling real-world AI solutions. Experienced in advising senior leadership on AI strategy and operationalization. Adept at bridging the gap between research, development, and deployment in enterprise environments.

## Technical skills

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- **Machine Learning & AI:** PyTorch, Keras, TensorFlow, CUDA, LLMs, VLMs,
- **Backend & APIs:** vLLM, NVIDIA Triton, Golang (gin), Python (FastAPI), PostgreSQL, MongoDB
- **DevOps & Cloud:** Docker, Kubernetes, Helm, Nginx, Git, Gitlab, Gitlab CI, Github Actions, ArgoCD, GCP.

## Experience

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**Data Scientist:** SEB – Solna, Sweden Sep 2022 – Present

- Led the development and deployment of a global AI-powered PDF indexing platform enabling semantic and generative search capabilities across the bank.
- Created a scalable abstraction framework, Prompt to Production, for rapidly deploying LLMs/SLMs using vLLM.
- Built and launched an internal Help Desk AI Assistant using RAG techniques.
- Designed and operated an Anomaly Detection Platform for application monitoring, tracking the performance of systems such as payments, firewalls, and APIs.

**M.Sc. Thesis Student:** Ericsson – Lund, Sweden Aug 2021 – Jan 2022

- Developed an automated visual inspection system for PCBs using CNNs and computer vision techniques.

**Data Scientist Intern:** Ericsson – Lund, Sweden Jun 2020 – Aug 2020

- Built an online data pipeline linking model training outputs to telecom hardware systems.

**Teaching Assistant:** LTU – Luleå, Sweden Sep 2018 – Nov 2018

- Supervised programming labs and assessed exams and assignments for a microcomputer engineering course.

## Leadership & Involvement

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- **Thesis Supervisor:** Mentoring two M.Sc. thesis students on advanced AI projects at SEB.
- **FIRST Mentor Program:** Guiding an aspiring data scientist through structured mentorship.

## Education

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**Linköping Tekniska Universitet:** M.Sc. in Computer Science with a specialization in Artificial Intelligence and Data Mining. Sep 2019 – Jun 2022

- **Relevant Coursework:** Artificial Intelligence, Text Mining, Information Visualization, Data Mining, Bayesian Learning, NLP, Big Data Analytics, Machine Learning, Programming C++

**Luleå Tekniska Universitet:** B.Sc. in Computer Engineering Sep 2015 – Jun 2019