John Doe

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GitHub – *LinkedIn*

Experience

Swiss National Bank, *Zürich, CH*   *June 2023 – June 2025 (2 years)*
— *https://snb.ch*
AI Infrastructure Engineer

The Swiss National Bank (SNB) is the central bank of Switzerland.

At SNB, I contributed to the development and deployment of AI-based financial forecasting models, ensuring compliance with regulatory frameworks and optimizing performance across distributed systems.

Technologies: Python, TensorFlow, Azure, Kubernetes, Docker, GitHub Actions

NeuralCore AG, *Bern, CH*   *January 2021 – June 2023 (2 years)*
— *https://neuralcore.ch*
Machine Learning Engineer

NeuralCore is a Swiss startup focusing on machine learning solutions for healthcare.

I developed end-to-end pipelines for processing medical imaging data and built models for anomaly detection in MRI scans.

Technologies: PyTorch, FastAPI, PostgreSQL, DVC, MLflow

GlobalTech Solutions, *Remote (CH – UK)*   *September 2018 – December 2020 (2 years)*
— *https://globaltech.co.uk*
Software Engineer

GlobalTech provides B2B software solutions to clients in the financial industry.

I worked in a cross-functional team developing secure REST APIs and internal web dashboards for financial data visualization.

Technologies: JavaScript, Node.js, React, MongoDB, AWS

Education

ETH Zürich, *Zürich, Switzerland*   *2016 – 2018*
— *https://ethz.ch*
Master of Science
Computer Science (Transcript of records)

University of Geneva, *Geneva, Switzerland*   *2012 – 2016*
— *https://unige.ch*
Bachelor of Science
Software Engineering (Transcript of records)

Publications

- *Secure Federated Learning for Healthcare Applications* (2023), DOI: 10.1234/jai.2023.00321

Reviews

- *Blockchain Applications in the Supply Chain*, Emma Keller (2021)

Awards

- *AI Innovation Prize*, 1st (May 2022)

Certifications	
	• *Deep Learning Specialization* (2021)
	• *Kubernetes Administrator (CKA)* (2020)

Skills

Programming-related skills:
- Python (8 yrs)
- JavaScript (6 yrs)
- C++ (5 yrs)
- TypeScript (4 yrs)
- Rust (2 yrs)

Technologies:
- Machine Learning (6 yrs)
- DevOps (5 yrs)
- Cloud Architecture (4 yrs)
- LLM (1 yrs)

Languages:
- English — Native
- French — Full professional proficiency
- German — Professional working proficiency

Other skills:
- Operating Systems (Linux, Windows)
- Git and CI/CD tools
- Scientific Writing
- Agile/Scrum
- Data Engineering
- Machine Vision
- Prompt Engineering

Hobbies

Sports:
- Trail Running
- Rock Climbing

Music:
- Violin
- Electronic Music Production

Research:
- AI Ethics
- Quantum Computing
- Philosophy of Mind

Other:
- Cooking Fusion Cuisine
- Travel Photography
- 3D Printing