



FABIO ROSE

Software Engineer



[REDACTED]



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About Me

Computer Science Master's student specializing in AI. Experienced in Python backends, React frontends, machine learning, and data visualization. Through research projects I gained hands-on experience with innovative solutions, and I am now eager to expand my practical industry experience and actively shape emerging technologies.

Education

Master of Science - Computer Science

Trier University of Applied Sciences
2021 - 2026

Bachelor of Science - Computer Science

Trier University of Applied Sciences
2018 - 2021

Soft Skills

Analytical thinking

Collaboration & teamwork

Self-motivation & initiative

Curiosity

Continuous learning

Language

- German
- English

Experience

Project Assistant - AI Rollout

Dec. 2024 - Oct. 2025

Trier University of Applied Sciences

- Created hands-on coding exercises and Jupyter notebooks demonstrating machine learning workflows with PyTorch
- Customized external open-source tools (OpenCap) for local use, integrated additional pose estimation models via MMPose, and created explanatory materials to support student learning

Research Assistant

Jun. 2024 - Nov. 2024

Trier University of Applied Sciences

- Continued development of master's thesis application for real-time voice field acquisition and analysis using Python, React, and TypeScript
- Designed and implemented interfaces for acquisition and processing of measurement data with external hardware (DAQ board)

Software Engineer (Working Student)

Apr. 2022 - Sept. 2023

itestra GmbH

- Supported the migration of a legacy COBOL system to Java for a global insurance company
- Developed a Java-based test framework for Camunda BPMN models leveraging a fluent API design pattern
- Extended an internal static code analysis tool to support TypeScript and resolved related technical issue

Tech Skills

Python



TypeScript



Java



Frameworks & Libraries: React, NextJS, Pandas, NumPy, PyTorch, Plotly

Tools: Git, Docker