



Felix Schelling

03.09.1995 · Rosenheim · Germany

Software Developer · AI Engineer

German (native) · English (fluent) · Spanish (basic)

felixschelling.com ↗

AI Engineer and Software Developer with 5+ years of experience specializing in reinforcement learning applications for industrial optimization problems. Proven track record of developing innovative solutions for complex engineering challenges. Combining technical expertise with entrepreneurial experience to bridge the gap between AI research and practical industrial applications.

PROFESSIONAL EXPERIENCE

2025 – now

AI Solution Engineer at Meggle

- Maintain and develop MeggleGPT, a company-internal chatbot deployed on Azure Kubernetes, including RAG retrieval and large-scale ingestion of internal company knowledge via a Databricks pipeline
- Developed a demand forecasting POC and MVP using machine learning, with a full MLOps pipeline including fully automated model retraining and dashboards deployed as web apps in Databricks
- Developed a specification recommender from customer specifications within Databricks, deployed as a web app on Azure

Kubernetes Azure Databricks RAG Machine Learning LLM

2024 – 2025

Research Assistant at TH Rosenheim

- Designed and implemented an open source reinforcement learning framework for solving job shop scheduling problems ([GitHub ↗](#))
- Trained state-of-the-art models in a distributed training environment
- Integrated trained models into a real-world factory lab environment ([Lab ↗](#))

Academic Research Reinforcement Learning Dash SQL Optuna Sphinx Pytest

2023 – 2025

Co-Founder & CTO at Advanced Additive

- Prototyped a reinforcement learning-based algorithm for pathfinding under domain-specific constraints for 3D printing slicers
- Designed a heuristic algorithm to optimize the density of 3D printed parts utilizing a variable extrusion width
- Deployed a scalable containerized web app with user management as an alpha release for customers
- Managed diverse technical collaborators, including freelancers and students, for the startup

Project Management Reinforcement Learning Numeric Optimization Unsupervised Learning SQL FastAPI Docker Redis Celery Dask CI/CD

2021 – 2023

Career Break

- Completed a two-year bike journey from Argentina to Alaska

2019 – 2021

Software Engineer at Krones

- Designed and implemented a reinforcement learning model for solving a decision problem for a delta robot in a palletizing process ([Video ↗](#))
- Integrated the model into a web app
- Validated and documented the solution

Software Design Reinforcement Learning Python PyTorch gRPC Scrum Git

EDUCATION

2020

Bachelor's Degree in Mechanical Engineering at TH Rosenheim

- Completed thesis on automated parameter generation for a delta robot using a reinforcement learning model at Krones ↗ Grade 1.1
- Developed machine learning models for time series prediction of household oven usage in a voluntary project at BSH / Bosch-Siemens ↗ Grade 1.0

PUBLICATIONS & PATENTS

A Production Scheduling Framework for Reinforcement Learning Under Real-World Constraints arXiv

System and method for automated generation of motion and position parameters of a packaging or palletizing machine for bundle arrangement

Patent