Steffen Oliver Grabert

B.Sc. Information Systems Student

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EDUCATION

B.Sc. Information Systems (Wirtschaftsinformatik)   Oct 2023 – Present

Technical University Munich (TUM)   📍 Munich, DE

- **Ranking:** Ranked **Top 8%** of cohort (19/268).
- **Key Modules:** Applied Econometrics (**1.0**), Algorithms & Data Structures (**1.0**), LLM Security Seminar (1.0), Distributed Systems (1.3).
- **Exchange:** University of Groningen (Machine Learning & Accounting) – Grade: 9/10 (**Top 5%**).

SKILLS

Core Stack: Java (Spring Boot)   Python (Scikit-Learn)   SQL   Docker

AI & ML: LLM Security   Prompt Engineering   Random Forest   Pandas

Concepts: REST APIs   Microservices   Distributed Systems   UML

EXPERIENCE

Backend Engineer (TUM Course Project)   Oct 2023 – Mar 2024

Academic Project: Urban Mobility Platform   📍 Munich, DE

- **Context:** Engineer in "Software Engineering for Business Applications" module.
- Architected a scalable fleet management backend using **Java Spring Boot** and REST APIs.
- Domain modeling (UML) and persistence layer implementation with **Hibernate/SQL**.

Creator   2025

3. Liga Predictive Engine ↗   📍 Munich, DE

- Built a stochastic modeling environment for sports data using **Python (Scikit-learn)**.
- Engineered ML pipeline with strict temporal splitting to prevent data leakage.
- Optimized **Random Forest** models, achieving **+4.72% ROI** in backtesting.

PROJECTS

Creator   2025

Lectern (AI-Powered EdTech) ↗   📍 Munich, DE

- Built GenAI study tool integrating Gemini API, reducing creation time by **90%**.
- Designed Dual-Interface (CLI & GUI) architecture for maximum user convenience.
- Engineered "Chain of Thought" pipeline for high-fidelity outputs.

INTERESTS

Regional Roots: Active Supporter of SSV Ulm 1846 (Member).
Culture & Strategy: Vinyl Record Collecting (Hip-Hop/RnB), Chess.
Sports: Endurance & Strength Training.