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ACADEMIC EDUCATION

Apr 2022 - Oct 2025 [Munich, Germany]	M.Sc. Robotics, Cognition, Intelligence student at Technical University of Munich (proj.: 1.4/US GPA 3.7) - In 6 semesters, Master's Thesis in Meta-Labeling Framework for Financial Time Series Classification
Aug 2022 - Dec 2023 [Taipei, Taiwan]	2nd Master's semester: Exchange student at the National Taiwan University (1.4/US GPA 3.7) - Coursework consisted of 24 ECTS spanning Robotics, Bioinformatics, Automata Theory, and Chinese
Oct 2018 - Apr 2022 [Munich, Germany]	B.Sc. Electrical and Computer Engineering student at Technical University of Munich (1.9/US GPA 3.1) - In 7 semesters, Bachelor's Thesis in the field of Deep Learning Recommender Systems

PROFESSIONAL EXPERIENCE

Mar 2025 - Sep 2025 [Tokyo, Japan]	National Institute of Informatics as a Research Intern (full-time, 40h/week) - Researching AI for time series prediction. Fine-tuning , evaluating, and combining foundational AI models. - Designing time series specific novel model architectures. Basis for Master's Thesis, 6 months
May 2024 - Nov 2024 [Munich, Germany]	Munich Re as an Intern (full-time, 37h/week) - AI Engineering, specializing in RAG/Semantic Search : vector database migration to Azure, 3 months - IT Strategy focusing on Robotics and AI: Trend research , optimizing operations, 3 months
Sep 2023 - Apr 2024 [Munich, Germany]	Siemens AG/KeySpot GmbH as a Working Student (part-time, 18h/week) - Integrating AI into production systems by data mining & processing and finetuning & deploying LLMs
Sep 2021 - Dec 2021 [Bayahibe, Dom. Rep.]	Coral Point Diving as a Dive Master (online-semester, full-time) - Leading, managing, and coordinating dives, assisting teaching, 10 weeks of experience, incl. training
Mar 2021 - May 2021 [Munich, Germany]	Chair of Data Processing as an Intern (full-time) - Web scraping static and dynamic websites for tourism data, 9 weeks of experience

SKILLS & QUALIFICATIONS

Software Engineering	- Python software engineering and AI/Data-related libraries (TF , Keras , PyTorch , pandas , HuggingFace) - Advanced experience in C++ , C , Go , Solidity , JavaScript Docker Containerization Linux Bash Azure - Data visualization: Matplotlib , NetworkX , Seaborn Frontend: REACT , HTML , CSS Backend: Django - Web Scraping : Scrapy, Selenium MATLAB ROS Anaconda VM VirtualBox Hyperledger Fabric	
Management IT & Design	Project Management: Miro , Slack Git branching & version control Presentation of analytics results General Programs: MS Excel , PowerPoint , Word , Obsidian LaTeX Trend research and report writing	
Language Capabilities	German , mother tongue (CEFR level C2) English , mother tongue (CEFR level C2)	Spanish , intermediate (CEFR level B1) Chinese , fundamental (CEFR level A2)

PROJECTS

June 2023 [Munich, Germany]	Group work on designing and implementing a Blockchain capable of tracking the sustainability of a product's supply chain . The system tracks CO ₂ tokens according to emission standards and models the sourcing, exchange, and production of materials on the chain in a traceable but confidential manner.
Nov 2022 [Taipei, Taiwan]	Group work on implementing a Painting Robot drawing acrylic black and white paintings . User input is captured by speech detection and sent to DALL-E for image creation. Anipainter converts images into brush strokes, which then had to be converted into the drawing commands for the robot arm (TM5-700)
Oct 2021 [Munich, Germany]	Implementation of a Creative Greeting Card generator to explore the creative capabilities of computers . Full stack development of a reactive website capturing user inputs and displaying multimedia output.
Mar 2019 [Munich, Germany]	Developing the game "Mill" in a team in C++ . Implemented the game logic and kept track of the state of the game. A combination of the front-end and network elements of the game.

VOLUNTEERING

Aug 2019 - Aug 2021 [Munich, Germany]	Network Administrator for the Van-Calker dormitory - Point of contact for all network-related questions and issues, incl. setup, management, and maintenance
Sep 2019 - Apr 2021 [Munich, Germany]	MIX - Mentor for incoming exchange students - Helping incoming students with educational and general questions