Luc Marcel Pellinger

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EDUCATION

• Cumulative GPA:

Master of Science, MSc – Business Analytics

Lisbon, Portugal

Nova School of Business and Economics

Aug. 2023 - Jan. 2025

- Dissertation: Comparison of Deep Learning Architectures for Time Series Classification -
- Subject Areas: Business Modeling, Data Science, and Machine Learning (ML)

Bachelor of Science, BSc – International IT Business

– German Grade:

Karlsruhe, Germany

Hochschule Karlsruhe – University of Applied Sciences (HKA)

Oct. 2018 - Aug. 2023

- Cumulative GPA German Grade:
- Dissertation: AutoML for Time-Series Forecasting and Anomaly Detection graded
- Subject Areas: International Business Management, Computer Science, and Software Engineering
- Exchange Semester: Swiss-European Mobility Programme, OST-Eastern Switzerland University of Applied Sciences

EXPERIENCE

Interim Working Student, AI Engineering

Stuttgart, Germany

Dr. Ing. h.c. F. Porsche AG - Car IT

Jul. 2024 - Aug. 2024

- Rehired to enhance an AutoML pipeline in a SAFe Scrum team using PyTorch and Optuna; automated neural architecture search for predictive maintenance and achieved
- Built a Streamlit app to support ablation studies for AutoML experiments and neural architecture evaluation.
- Reimplemented and tested deep learning architectures on GPU-accelerated remote environments.

Bachelor Thesis Candidate & Research Assistant

Stuttgart, Germany

Dr. Ing. h.c. F. Porsche AG - Car IT

Nov. 2022 - Jul. 2023

- Researched and compared 50 automated ML pipelines for multivariate time-series analytics and anomaly detection.
- Presented advanced AutoML concepts to senior executives and advised a Ph.D. candidate on the design of an AutoML pipeline for predictive maintenance.

Data Analytics Consulting Intern

Munich, Germany

Deloitte Consulting GmbH - Center for Process Bionics

Mar. 2022 - Aug. 2022

- Implemented ETL pipelines and process mining dashboards in Qlik Sense, enabling insights across variants in
- Analyzed client business processes, unlocking results within business value architecture.

and peer-reviewed teams'

Automotive Consulting Intern & Working Student

Stuttgart, Germany

conceito GmbH

Nov. 2017 - Jun. 2018 & Jun. 2021 - Feb. 2022

- Cleaned and validated master data for customers to enhance data quality in the client's system.
- Delivered first-level B2B support on an after-sales platform, ensuring compliance for customers across

ACTIVITIES & CERTIFICATIONS

HuggingFace - AI Agents Course | Hugging Face API, SmolAgents, LlamaIndex, LangGraph

May 2025

• Introduction to fundamentals and technologies for AI Agents.

Tech Lead | Nova SBE Tech Club - Technology & Innovation Dept.

Sep. 2024 – May 2025

- software development projects, and gave workshops about open source development practices.
- Developed a Streamlit app accelerating first-minute insights and researched crypto price trend prediction models.

SAP Certified Application Associate | SAP ERP 6.07

Oct. 2019

• Business Foundation & Integration.

Language & Technical Skills

Languages: German (Native), English (Fluent), French (Elementary)

Programming & Scripting: Python, SQL & NoSQL, JavaScript & React.js, HTML & CSS, LaTeX ML & Big Data Frameworks: Pandas, Polars, PySpark, Scikit-learn, PyTorch, Hugging Face API

Data Analysis & Visualization: Excel, Tableau, Qlik Sense, Celonis, Matplotlib, Seaborn

Developer Tools & Methods: Git, Jira, GCP, Cloudera, REST APIs, Unit & Integration Tests