Luc Marcel Pellinger

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EDUCATION

Aug 2023 – Jan 2025 Lisbon, Portugal	**Nova School of Business and Economics | Master of Science | M.Sc. Business Analytics** ▪ Subject Areas: Data Science, Business Modelling, and Machine Learning (ML) ▪ Dissertation: Comparison of Deep Learning Architectures for Time Series Classification - graded <secret> ▪ Final GPA: <secret>/20 (Portuguese scale: 1-20), equivalent to ~ <secret> (German scale: 1-5)
Oct 2018 – Aug 2023 Karlsruhe, Germany	**Hochschule Karlsruhe | Bachelor of Science | B.Sc. International IT Business** ▪ Subject Areas: International Business Management, Computer Science, and Machine Learning (ML) ▪ Exchange Semester at OST–Eastern Switzerland University of Applied Sciences ▪ Dissertation: AutoML for Time-Series Forecasting and Anomaly Detection - graded <secret> ▪ Final GPA: <secret> (German scale: 1-5)
Oct 2011 – Mar 2017 Hassloch, Germany	**Hannah-Arendt-Gymnasium | A-Levels** (Abitur) ▪ Final GPA: <secret> (German scale: 1-6)

WORK EXPERIENCE

Jul 2024 – Aug 2024 Stuttgart, Germany	**Dr. Ing. h.c. F. Porsche AG - Car IT | Working Student for AI-Engineering** (2 months) ▪ Rehired to develop and enhance an AutoML pipeline in a Scrum team using PyTorch and Optuna, automating neural architecture search for predictive maintenance ▪ Reimplemented and tested deep learning architectures using GPU-accelerated cloud environments ▪ Implemented a Streamlit app supporting ablation studies of AutoML experiments and scientific model evaluation
Nov 2022 – Jul 2023 Stuttgart, Germany	**Dr. Ing. h.c. F. Porsche AG - Car IT | Bachelor Thesis Candidate & Research Assistant** (9 months) ▪ Researched, analyzed, and compared open-source solutions toward automated ML pipelines for time series analytics use cases, anomaly detection, and multivariate time-series forecasting ▪ Advised a Ph.D. candidate on the design of an AutoML pipeline for predictive maintenance use cases ▪ Presented selected AutoML solutions to the department management and documented research findings in Confluence
Mar 2022 – Aug 2022 Munich, Germany	**Deloitte Consulting GmbH | Consulting Intern at Center for Process Bionics** (6 months) ▪ Implemented ETL pipelines and dashboards for Process Mining Applications using QlikSense, unlocking insights over 50k+ process variants for healthcare claims in insurance ▪ Analyzed clients' business processes, generated insights, and peer-reviewed colleagues' results in the context of business value architecture, unlocking savings potentials in clients' insurance processes
Jun 2021 – Feb 2022 & Nov 2017 – Jun 2018 Stuttgart, Germany	**conceito GmbH | Automotive Consulting Intern & Working Student** (17 months) ▪ Managed identity and access services in a 5-person team for international customer accounts ▪ Cleaned and validated master data for thousands of customers, enhancing data quality ▪ Rehired to deliver first-level B2B support on a client's after-sales platform, ensuring compliance for thousands of customers, handling client communications across several EEA markets

EXTRACURRICULAR ACTIVITIES & CERTIFICATES

May 2025 – present Digital, Remote	**HuggingFace - AI Agents Course | Fundamentals of Agents** (6 weeks) ▪ Introduction to fundamentals & technologies for AI Agents including smolagents and LangGraph
Sep 2024 – May 2025 Lisbon, Portugal	**Nova SBE Tech Club | Technology & Innovation Department - Tech-Lead** (9 months) ▪ Mentored students and introduced them to GitHub, the Linux Shell, and open-source principles ▪ Developed a Streamlit application for processing and visualization of tabular datasets ▪ Exploration of crypto price trend prediction models using digital sentiment data as time series
Oct 2019 Karlsruhe, Germany	**SAP Certified Application Associate - Business Foundation & Integration with SAP ERP 6.07** (2 weeks) ▪ Certification for Business Foundation & Integration

TECHNICAL SKILLS

Programming:	Python (advanced), SQL (advanced), Pandas & NumPy (advanced), JavaScript & React (intermediate)
Frameworks:	PyTorch & TensorFlow (advanced), Optuna (advanced), Scikit-Learn (advanced), Streamlit (advanced), PySpark & Polars (intermediate), Hugging Face smolagents, LlamaIndex & LangGraph (basic)
Platforms and Tools:	VSCode & GitHub version control (advanced), Jira & Confluence (intermediate), Cloudera & GCP (basic)
Data Visualization:	Qlik Sense (intermediate), MEHRWERK Process Mining (intermediate), Tableau (intermediate)

LANGUAGE SKILLS & INTERESTS

Languages:	German (native), English (business fluent), French (basic), Portuguese (basic)
Interests:	AI and market trends, skiing, surfing, endurance sports