

Sebastian Kindl

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Education

Vienna University of Technology (TU Wien), BSc in Technical Physics Oct 2022 – Oct 2025
• **Average Grade:** 2.4
• **Relevant Coursework:** Machine Learning, Statistics & Probability Theory, Linear Algebra, Project Management, Production & Quality Management

Experience

Founder & Trader – Luxury Goods Trading Aug 2022 – May 2025

- Researched secondary markets for luxury timepieces, analyzing pricing and demand
- Executed buy- and sell-side negotiations and managed transaction processes

Purchasing Intern, Parga July 2022 – Sep 2022

- Supported purchasing processes including supplier communication and order coordination
- Gained exposure to procurement workflows as well as basic cost and process structures

Selected Projects and Research

Machine Learning Force Fields for Defective 2D Semiconductors - Thesis

- Trained an equivariant graph neural network to model highly complex interactions in defect-engineered semiconductor materials
 - Provided an efficient and scalable method for investigation at a significantly lower computational cost
 - Designed reproducible training and evaluation workflows that are used within the institute for ongoing research

Sales Intelligence & Lead Generation Tool

- Designed a B2B sales intelligence tool for a Vienna based chemical trading company to analyze EU manufacturing markets
 - Defined ICPs and buyer personas across wind energy and plastics/rubber industries
 - Developed a lead-scoring model to prioritize high-value accounts and decision makers

Skills

Programming & Data: Python, SQL, Pandas, NumPy, PyTorch, scikit-learn

Machine Learning: Neural Networks, Supervised Learning, Model Validation, Reproducible Workflows

Quantitative Methods: Statistical Analysis, Optimization, Linear Algebra, Probability Theory

Tools & Systems: Linux, Docker, LaTeX

Business & Collaboration: Microsoft Office (advanced), Power BI (intermediate), JIRA, Confluence

Languages: German (native), English (fluent)

Additional Information

- Strong interest in consulting, analytics, and data-driven decision making
 - Academic tutor in mathematics and physics, explaining complex concepts to students at university and HTL