TIMON ORTWEIN

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EDUCATION

Master of Science in Business Analytics, Rady School of Management   06/2025
University of California, San Diego, CA
- GPA: 4.0/4, Courses: AI-Math & Programming for Business Analytics, SQL & ETL, Web Mining & Recommender Systems, Customer Analytics

Bachelor of Engineering, International Technical Sales Management   04/2024
Technical University of Applied Sciences Aschaffenburg, Germany
- GPA: 3.9/4, Exchange at UC San Diego - Data Analytics, Investment Banking, Market Research
- Thesis Focus on AI - Assessment of Earnings Releases with a LLM for Enhanced Returns with five American Blue-Chip Stocks

EXPERIENCE

Business Analyst at **Merck Group**, Darmstadt, Germany   10/2023 - 04/2024
Optimized data processes at Merck, a global industry leader in the pharmaceutical industry, and enhanced operational efficiency in the department of Research & Development Quality & Risk Management.
- Conducted in-depth analysis of large datasets with SQL and Python to extract meaningful insights, contributing to a 15% increase in operational efficiency by identifying and addressing bottlenecks
- Developed and documented automated workflows using Power Automate, Power BI and Python to optimize recurring data processing tasks, reducing manual labor time by 80% and enhancing overall efficiency
- Delivered comprehensive support to the data analytics team by implementing automated reporting tools with Power Automate, SQL and Python, ensuring accurate and up-to-date insights for decision-making processes
- Provided daily support for automated data flow systems, ensuring smooth operations and timely updates for critical business data within the departments core applications

Business Analyst at **BetterCo**, Frankfurt, Germany   04/2023 - 09/2023
BetterCo offers an audit-proof, end-to-end onboarding and collaboration platform EU-wide for regulated firms in the finance, legal and tax industries.
- Developed and implemented new product features with Excel and Python, enhancing platform functionality and driving client acquisition by 10%
- Optimized campaign performances using Power BI and Python for tracking and analysis, leading to a 25% increase in engagement
- Increased client retention by utilizing A/B testing ensuring satisfaction and loyalty through attentive, tailored solutions, and leveraging SAP

Business Analyst at **MTU Maintenance**, Amsterdam, Netherlands - Internship   01/2023 - 03/2023
Contributed at MTU Maintenance Lease Services, a worldwide leading provider of engine leasing solutions for the aviation industry, to data-driven decision-making and operational efficiency by developing a lease business case tool.
- Developed a Lease Business Case tool using Python, SQL and MongoDB improving accuracy to 100% and boosting efficiency by 80% for newly created business cases
- Prepared and analyzed business cases for new lease opportunities, aiding in the acquisition of new clients and expanding market presence

Sales Engineer at **SDCC Global**, Frankfurt, Germany - Internship   08/2022 - 12/2022
SDCC Global operates in the global financial industry, ensuring the smooth flow of financial transactions between two parties using smart derivative contracts (SDCs) with an embedded algorithm handling margin and default risk.
- Led targeted sales activities focusing on German and American banks, expanding the client base by three major clients using SAP, Power BI and Hubspot
- Implemented SDCs and delivered comprehensive training sessions and technical support to banking clients, ensuring seamless integration, boosting user adoption and satisfaction

SPECIALIZED SKILLS
- **Languages/Coding:** Python, SQL (Advanced), ETL, R, MATLAB
- **Tools:** LLMs, Microsoft 365, Power Automate, GitHub, Tableau, Power BI, Snowflake, Jira, APIs, SQL Developer