

Wolfgang Dafert

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Education

University of Vienna & University of Braunschweig
Master's Degree (Mag.) in Applied Psychology/Usability | Grade: 3.5

Germany
1996 – 2003

Work Experience

TSTPrep
AI Consultant

USA
2024 – Present

- Design and develop LLM-powered solutions for teacher support, automating tasks, and improving educational outcomes.
- Implemented prompt engineering and evaluation frameworks to enable rapid iteration, resulting in a 20% reduction in LLM development time.

Unison Media
CTO

New York, NY, USA
2021 – 2023

- Defined and implemented the technical vision and strategy for a New York-based media agency, overseeing the development and project management teams.
- Spearheaded the adoption of a Zoho intranet, SOPs, and training manuals to optimize staff efficiency, automate business processes, and streamline website development.
- Assisted the CEO and team with a successful migration to Zoho One.

Sea.earth
CTO & Technical Lead

Glasgow, UK
2021 – 2022

- Led technical research and development for a blockchain-based environmental startup.
- Researched and delivered feasibility reports on utilizing smartphones for environmental data collection, resulting in a successful \$50,000 grant application.
- Designed an architecture for storing blockchain data in the InterPlanetary File System (IPFS) to enhance data security and accessibility.

Cekaso
Project Manager

Hamburg, Germany
2019 – 2021

- Managed a team of 5+ developers to build custom POS software solutions for a leading European furniture purchasing group.
- Played a key role in UI/UX design and client-facing project management, ensuring on-time and within-budget product delivery.
- Resulted in a 15% reduction in order processing time through software optimization.

Side Projects

[!\[\]\(d3102649f02e825ddb76dc3de0190154_img.jpg\) AI-Powered Teacher Support Platform](#)

- Developed an LLM-based tool to automate administrative and instructional tasks for teachers, enhancing productivity and support.
- Recognized for improving teacher engagement and efficiency through innovative use of AI technologies.

[!\[\]\(4b7a79268f6ba26c1471d4232fffa85a_img.jpg\) Environmental Data Collection Using Blockchain](#)

- Implemented a blockchain-based solution for secure environmental data collection, ensuring data integrity and transparency.
- Utilized IPFS architecture for decentralized data storage, receiving positive feedback from the environmental tech community.

Achievements

- › **LLM Development Optimization:** Achieved a 20% reduction in LLM development time through optimized prompt engineering strategies.
- › **Successful Grant Application:** Secured a \$50,000 grant for environmental data research at Sea.earth.

Certifications

- › **DeepLearning.AI Certification:** Comprehensive course covering foundational deep learning concepts, including neural networks, CNNs, RNNs, and more.
- › **AWS Machine Learning Specialty:** Certification validating expertise in implementing, deploying, and maintaining machine learning solutions on AWS.

Additional Skills

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| ◦ Data Pipeline Development | ◦ Apache Spark |
| ◦ ETL Processes | ◦ Airflow |
| ◦ Database Management (SQL/NoSQL) | ◦ Kafka |
| ◦ Python Programming | ◦ Data Quality Assurance |
| ◦ Data Modeling | ◦ Problem-Solving |
| ◦ Cloud Infrastructure (AWS, GCP, Azure) | ◦ Languages: English (Fluent), German (Native), Portuguese (Beginner) |