

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.

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.

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

AI-Powered Teacher Support Platform

- Developed an LLM-based tool that automates administrative and instructional tasks, receiving positive feedback from educators for its effectiveness in enhancing teaching efficiency.
- Utilized technologies such as .NET MAUI for cross-platform compatibility, demonstrating proficiency in mobile app development.

Environmental Data Collection Using Blockchain

- Created a blockchain-based solution for environmental data collection, recognized for its innovative use of IPFS architecture for secure data storage.
- Implemented REST API integration and focused on ensuring high-quality code and user experience through attention to detail.

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

- Machine Learning with PyTorch (3 years)
- Generative AI (2 years)
- Web Development
- Full Stack Development
- Project Management
- Technical Leadership
- Blockchain Technology
- Educational Technology
- Client Communication
- Agile Project Management
- UI/UX Design
- **Languages:** English (Fluent), German (Native), Portuguese (Beginner)