

# 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 that automates administrative and instructional tasks, significantly improving teacher efficiency.
- Received positive feedback from educators for enhancing classroom management and reducing workload.

[!\[\]\(4b7a79268f6ba26c1471d4232fffa85a\_img.jpg\) Environmental Data Collection Using Blockchain](#)

- Implemented a blockchain-based solution for secure environmental data collection, utilizing IPFS architecture for data storage.
- Achieved recognition for innovative use of technology in environmental monitoring and data integrity.

## Achievements

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- › **LLM Development Optimization:** Achieved a 20% reduction in LLM development time through optimized prompt engineering strategies, enhancing efficiency in data processing workflows.
- › **Successful Grant Application:** Secured a \$50,000 grant for environmental data research at Sea.earth, demonstrating capability in data acquisition and project management within a research context.

## Certifications

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- › **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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|---------------------------------|--|
| ◦ AWS                           | ◦ Data Engineering   |
| ◦ Azure                         | ◦ Full Stack Development   |
| ◦ SQL                           | ◦ Project Management   |
| ◦ Machine Learning with PyTorch | ◦ Agile Project Management   |
| ◦ Generative AI                 | ◦ UI/UX Design   |
| ◦ Blockchain Technology         | ◦ <b>Languages:</b> English (Fluent), German (Native), Portuguese (Beginner) |