

Hannes Badermann

Berlin, Germany · hannes.badermann@gmail.com · +49 173 8601426

WORK EXPERIENCE

Business Analysis & Digital Transformation | DZ BANK AG *09/2021 – present*

- Led the design and rollout of an **AI-powered** advisory **chatbot** supporting treasury software adoption across a network of more than 600 cooperative banks, driving digital enablement and commercial growth.
- Functional design of an **MCP server** as an access layer to customer data within the chatbot, built as a foundation for further agentic use cases
- Translated complex business and regulatory requirements into functional solution concepts, coordinating product owners, software developers and business stakeholders throughout **agile** implementation projects.
- End-to-end integration of a new **API**, carried out independently from technical implementation to moving existing workflows onto the new interface
- Improved enterprise data structures and reporting architecture, enabling scalable **automation** initiatives and increasing long-term operational efficiency.
- Identified and implemented process optimization initiatives across treasury operations, reducing recurring manual effort by approximately €50,000 annually through automation and process redesign via **SQL**.
- Acted as trusted advisor for cooperative banks on software implementation, treasury processes and regulatory requirements, supporting successful adoption of digital solutions.
- Developed training materials and enablement concepts that increased software adoption and strengthened client capabilities across the cooperative banking network.
- Built and established a comprehensive internal knowledge management platform covering regulatory requirements, software functionality and operational processes, now serving as the team's central reference.

Corporate Student | DZ BANK AG *08/2018 – 09/2021*

- Completed structured 3-year rotational program across multiple departments (Treasury, IT, Debt Capital Markets) while simultaneously pursuing dual Bachelor's degrees

EDUCATION

B.Sc. Psychology | MSB Medical School Berlin *04/2023 – 03/2026*
Final Grade: 1.2 (Top 1%)
Thesis: Development and Validation of a Video-Based Method for Measuring Unconscious Conflicts (Grade: 1.0)

B.Sc. Business Administration | Frankfurt School of Finance & Management *09/2018 – 09/2021*
Final Grade: 2.2
Thesis: Evaluation of Productivity in Remote Work Environments (Grade: 1.7)

SKILLS & LANGUAGES

Languages: German (Native), English (Fluent), Portuguese (Fluent), Italian (Conversational)

Technical: SQL (Proficient), R (Advanced), Python (Advanced), AI/LLM Tooling, RAG, APIs

Skills: Agile Projects, MS Office

PROJECTS

Runway Scanner

- **Goal**: Built a web app that matches an uploaded photo to designer runway looks using CLIP embeddings, replacing manual research across fragmented, paywalled sources.
- **Stack**: Streamlit, CLIP ViT-B-32, PyTorch, NumPy, Pillow, Pandas & PyArrow

Blood lab values App

- **Goal**: Currently developing a RAG-based app on the Claude API that explains blood test results in context, including how values change over time, using scientific literature.
- **Stack**: Python 3.9, FastAPI, Uvicorn, PostgreSQL, SQLAlchemy, Anthropic Claude API, PubMed E-utilities & Europe PMC, REST API

VOLUNTEERING & ATHLETICS

Volunteer Youth Mentor | Malteser Hilfsdienst e.V. *07/2023 – 08/2025*

- Provided regular after-school tutoring and childcare support for underprivileged children on a weekly basis

Competitive Runner – 10K distance; multiple race participations in organized running events

- **PB**: 38.27