Christoph Völtzke

Kastanienallee 13, 20359 Hamburg, Germany • +49-152-36383041

• voeltzke.christoph@gmail.com • christophvoe.github.io

EMPLOYMENT HISTORY

Nov 2023 – Present

Senior Data Science Consultant, Capgemini Invent · Hamburg
- Led and deployed end-to-end cross-functional AI initiatives from PoC to prdocution across multiple industries.
- Deployed an automotive aftersales GenAI solution, reducing processing time by 75% (20→5 minutes) across 100,000+ executions annually.
- Implemented data architectures and AI strategies across cross-functional teams.

Jul 2022 – Sep 2022

Internship: Exercise, Training, And Sport Informatics, German Sport University Cologne · Cologne
- Executed a validation study on home advantage using real-world match data.
- Statistically analysed attendance patterns pre-, during, and post-COVID-19.

Feb 2022 – Jul 2022

Graduate Research Assistant, Universiteit Utrecht · Utrecht
- Refactored a Bayesian statistics R package to enhance analytical reliability and quality.
- Designed simulation studies and prepared analytics teaching materials in R and Python.

Apr 2021 – Dec 2021

Working Student: Research Consultant, Appinio GmbH · Hamburg
- Designed and structured client questionnaires, analyzing large-scale survey datasets.
- Delivered data-driven market insights to technical and business stakeholders.

Sep 2019 – Feb 2021

Intern & Working Student: Consulting, KPMG Germany · Frankfurt
- Developed analytics dashboards for a major energy provider, enabling data-driven, cross-department insights.
- Delivered decision-ready reports supporting cross-functional stakeholders.

EDUCATION

Sep 2021 – Jun 2023

Methodology & Statistics, M.Sc. , Universiteit Utrecht · Utrecht
- Grade: 8.39/10 (Cum Laude).
- Specialisations: Machine Learning, Causal Inference, Survey and Experimental Design.

Oct 2017 – May 2021

Psychology, B.Sc., Leuphana Universität Lüneburg · Lüneburg
- Grade: 1.5.
- Minor & Electives: Business Psychology, Data Science, and Business Administration.

SKILLS

Languages

German (C2) • English (C1) • French (A2)

Programming & Frameworks

Python (Expert) • SQL (Experienced) • R (Experienced) • Frontend development (React, Streamlit, Shiny) (Skillful)

AI Concepts & Frameworks

Agentic frameworks (LangGraph, CrewAI) (Expert) • Retrieval-Augmented Generation (Experienced) • Knowledge Graphs (Skillful) • LLM-as-a-Judge (Skillful)

Cloud & MLOps

AWS (Experienced) • Microsoft Azure (Skillful) • MLOps (Experienced) • Docker (Experienced) • Databricks (Skillful) • Monitoring & Quality (CloudWatch, Datadog, SonarQube) (Experienced) • DevOps (Skillful)

Collaboration & Development

Version control (Git, GitLab, Bitbucket) (Experienced) • Data Storytelling (Experienced) • Agile (Scrum) (Experienced)