Jeanne **Endres**

Data Scientist/Software Engineer

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Summary

Data professional with a Bachelor's in Computer Science and a Master's in Data Science. Skilled in Python, SQL, dbt, and GCP, with hands-on experience in database migrations and dashboards. I enjoy bridging software engineering and data science, focusing on robust, maintainable solutions that reduce manual effort and improve decision-making.

Education

Master of Science: Data Science
Remote / Hamburg, Germany

INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES
Jul. 2024 – Aug. 2025

- Specialization on Big Data and Software Engineering
- Master Thesis: Mitigating Algorithmic Bias in Machine Learning: A Comparative Evaluation of Pre-, In-, and Post-Processing Methods Using the AIF360 Toolkit and Practitioner Perspectives on Fairness
- Thesis Grade 97%, Overall Grade: 93%

Bachelor of Science: Computer Science
Hamburg, Germany

NORDAKADEMIE HOCHSCHULE DER WIRTSCHAFT
Jan. 2020 – Mar. 2023

Data Analytics and Machine Learning
Remote / Hamburg, Germany

IRONHACK BOOTCAMP
Apr. 2024 – Jun. 2024

- Hands-on projects in exploratory data analysis, data cleaning, supervised/unsupervised ML, and data mining (APIs, web scraping)

Work Experience

Data Scientist
Hamburg, Germany

FUNKE PUBLISHING GMBH
Jul. 2024 – Dec. 2024

- Set up a hybrid dbt Cloud + dbt Core solution for the team, streamlining development workflows and production deployments
- Supported database migration from MySQL to Google Cloud by building dbt models to restructure data and improve downstream reporting
- Built and maintained automated reporting and dashboards to enable data-driven decision making
- Independently scoped, built, and delivered data products from stakeholder meetings to production rollout
- Implemented process optimizations using technical solutions and automation, reducing overhead and improving team efficiency

Team Lead, Operations
Hamburg, Germany

FAST LANE GMBH
Oct. 2023 – Mar. 2024

- Engineered automated reporting pipelines that consolidated partner communication, minimizing coordination time and manual effort
- Led technical triage and resolution of high-priority escalations, ensuring operational continuity and reducing issue turnaround time
- Implemented data-driven process improvements that increased team throughput and strengthened cross-team collaboration

Project Manager, Operations
Hamburg, Germany

FAST LANE GMBH
Apr. 2023 – Oct. 2023

- Applied data analytics to optimize the yearly public training schedule and reducing manual planning effort
- Managed day to day operations by balancing demand forecasting with resource allocation to ensure optimal course delivery
- Maintained the internal trainer database and improved data accessibility and reliability

Software Developer Dual Student
Hamburg, Germany

FAST LANE GMBH
Jan. 2020 – Mar. 2023

- Implemented and executed QA processes for backend systems managing on-premise virtual machines supporting student labs
- Developed reusable, modular React components using Storybook to streamline UI Development for the FastLaneLive course platform
- Tailored FastLaneLive deployments for enterprises with access-control logic to restrict course visibility to licensed employees

Skills

Programming & Data Engineering	Python, SQL, dbt, BigQuery/GCP, Git
Data Science & Analytics	Pandas, NumPy, Scikit-Learn, Power BI, Looker Studio, Matplotlib, Seaborn
Soft Skills	Analytical Thinking, Problem Solving, Communication, Leadership
Languages	English (Fluent, C1), German (Native)