

# Jeanne Endres

SOFTWARE ENGINEER/DATA SCIENTIST

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## Summary

Software Engineer with a Computer Science Bachelor's and Data Science Master's, experienced in Python, SQL, and cloud-hosted, scalable data pipelines. Passionate to develop reliable software that empowers teams and makes data more useful. Collaborative, curious, and motivated to build technology that enables faster, smarter, data-driven workflows.

## Education

### Master of Science: Data Science

Remote / Hamburg, Germany

INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES

Jul. 2024 – Aug. 2025

- Specialization in 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

- Focused on algorithms, data structures, and software engineering fundamentals

### Data Analytics and Machine Learning

Remote / Hamburg, Germany

IRONHACK BOOTCAMP

Apr. 2024 – Jun. 2024

- Built hands-on projects in exploratory data analysis, data cleaning, ML pipelines, APIs, and 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

- Developed 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

Python, SQL, Git

#### Data Engineering & Pipelines

dbt, ETL Pipelines, Cloud-hosted workflows (BigQuery/GCP), Data Modeling

#### Data Analytics

Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn

#### Languages

English (Fluent, C1), German (Native)

#### Soft Skills

Analytical Thinking, Problem Solving, Communication, Leadership