JOHN DOE

Data Analyst

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john-doe | john-doe | https://john-doe.github.io/

Technical Skills

Machine Learning
Data Science | Data Analysis
Data Visualization
Statistical Analysis
Data Preprocessing | CI CD
EDA | Hypothesis Testing
Python | SQL | Excel
Tableau | PowerBI | Git
AWS | Linux | R

Soft Skills

Problem Solving
Analytical Thinking
Team Collaboration
Communication

Currently Learning

German Language

Language Proficiency

English : Fluent
German : Proficient
Spanish : Fluent
French : Native

Profile

Detail-oriented Data Analyst with certified skills in SQL, Python, Tableau, and PowerBI. Experienced in creating interactive dashboards, performing statistical analysis, and improving data accuracy for business clients. Achieved excellent client satisfaction on freelance projects.

Professional Experience

Machine Learning Researcher | AI Research Lab GmbH

August 2023 - Present | Berlin, Germany

- Developed and optimized advanced deep learning models to improve predictive modeling accuracy for scientific data.
- Systematically evaluated model performance and generalization across diverse datasets and input sizes.
- Analyzed the impact of data representation and model architecture on prediction robustness, contributing to scalable and generalizable ML solutions.
- Collaborating on a research paper for a peer-reviewed journal.

Machine Learning Engineer | Tech Innovations AG

January 2023 - July 2023 | Berlin, Germany

- Designed and implemented machine learning models for real-time data processing and analysis.
- Developed a computer vision application to classify images using deep learning models, achieving high accuracy on test datasets.
- Collaborated with cross-functional teams to integrate AI solutions into existing systems, enhancing operational efficiency.
- Contributed to the development of an AI agent for a word game using Deep Q-Networks in PyTorch.

Education

BSc. Computational Science | University of Berlin

October 2020 - September 2024 | Berlin, Germany

- GPA: 1.9
- Thesis: 'Analysis of Complex Systems using Machine Learning'
- Relevant Coursework: Advanced Algorithms, Machine Learning, Big Data Technologies, Numerical Methods, Software Engineering, Linear Algebra and Calculus.

Data Analyst Certification Course | Online Learning Academy

February 2022 - August 2022 | Remote

- Completed a comprehensive program focused on data analysis, covering key skills in SQL, Python, Tableau, PowerBI and statistical analysis.
- Gained hands-on experience in data cleaning, data visualization, and dashboard creation.

Selected Projects

Large-Scale Text Analysis |

Collaborated to set up a GPU cluster to extract specific statements from a large corpus of web archive files using regex and ML algorithms, followed by NLP analysis of the extracted data.

Environmental Data Analysis |

Developed an SQL-based analysis to assess CO2 emission changes across countries, providing actionable insights and recommendations to address environmental trends.

Financial Risk Assessment Model |

Developed a machine learning model to predict financial risk, achieving high accuracy on test data. Demonstrated strong data preprocessing, feature engineering, and model optimization skills.