

Fabio Gruschka

Data Scientist / Data Engineer



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EXPERIENCE

PHILLIPS-MARBURG- UNIVERSITY | RESEARCH ASSISTANT AT CAISA LAB

Dez 2022 – Current | Munich, Germany

- Accepted: ACL WASSA 2023 Shared Task
- Submitted: EMNLP 2023 Conference

EXPERIENCE

MY LITTLE STORIES GBR | CO-FOUNDER

Apr 2023 – Mai 2023 | Munich, Germany

- Founded a genAI company to customize interactive stories for families.

BILTHOUSE AG | DATA ENGINEER

Apr 2022 – Juli 2023 | Munich, Germany

- managed the construction of a comprehensive Data Warehouse, optimizing company-wide data usage, developing the data model structure, ensuring proper data handling and storage, extracting data from various sources for a unified truth, migrating the Data Warehouse and Kubernetes Cluster to Azure Cloud, defining future architecture within Azure, including real-time data paths for increased operational speed and accuracy, and employing Apache Airflow with Kubernetes Executor to enhance the efficiency and reliability of data processes.

INTERHYP AG | WORKING STUDENT DATA SCIENCE/BI

Jul 2016 – Apr 2022 | Munich, Germany

- Build a processing time prediction model for credit decisions, developed and deployed a probability prediction model for broker churn, been primarily responsible for maintaining a channel attribution service using LSTM and Markov models, deployed an estate-valuation-service with Kubernetes, developed an x-day revenue predictor, taken charge of the Oracle Reporting, and managed Tableau Integration from its inception through to daily usage.

HEUSSEN RECHTSANWALTSGESELLSCHAFT MBH | FREELANCER DATA SCIENTIST

Jan 2021 | Munich, Germany

- Advanced threat protection

PROJECTS

QUENYA TRANSLATOR | PYTHON / GPT-2

2021

- Usage of an adaptive GPT-2 translation Model with crawled data to figure out if state of the art solution works on unlabeled data for translating English to Quenya

X RAY DIFFRACTION | C# / UNITY

2020

- A GUI app to compute theoretical xray absorption factors (for xray diffracted in a capillary) efficiently on the device's GPU.

SKILLS

PROGRAMMING

Proficient:

• Python • SQL • Shell

Experienced:

• Java • R • L^AT_EX

Familiar:

C# • C • Unity • CSS • PHP

LIBRARIES/Frameworks

SQLAlchemy • Tensorflow • Scikit-Learn • NLTK • Flask • Torch • Huggingface

TOOLS/PLATFORMS

Airflow • DBT • Meltano • Postgres/Oracle/MongoDB • Azure/AWS • Git • Jira • Jenkins • K8s • Prometheus • Redis • Docker • Kafka / RabbitMQ • Tableau/PowerBI

LANGUAGES

German (native) • English (fluent)

EDUCATION

PHILLIPS-MARBURG- UNIVERSITY DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

BACHELOR'S IN DATA SCIENCE (COMPLETE)

Apr 2017 - Oct 2022 | Marburg, Germany

LUDWIG-MAXIMILIAN- UNIVERSITY DEPARTMENT OF STATISTICS

BACHELOR'S IN STATISTICS (INCOMPLETE)

Oct 2014 - Apr 2017 | Munich, Germany

DATA ENGINEERING WITH MS AZURE: UDACITY

4/5 PROJECTS DONE

Jan 2023 - | Munich, Germany