AMIR AMEMI

DATA ENGINEER | DATA SCIENTIST

CONTACT

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🌐 https://www.amemi.de

SKILLS

- Python (Advanced)
- SQL (Advanced)
- C/C++ (Intermediate)
- AWS (Glue, Redshift, S3, EC2, EMR, Lambda, Athena) (Intermediate)
- PostgreSQL (Advanced)
- MySQL (Advanced)
- MongoDB (Advanced)
- DynamoDB (Advanced)
- ETL/ELT (Advanced)
- Docker (Intermediate)
- Git / GitHub / GitLab (Advanced)
- Data Pipelines (Advanced)
- Data Transformation (Advanced)
- RestApi (Intermediate)
- FastAPI (Intermediate)

LANGUAGES

- Arabic (Mother tongue)
- English (Fluent)
- French (Fluent)
- German (Basic)

PROFILE

At present, I am enrolled as an exchange student in Germany, holding a Master's degree in Data Science and a Bachelor's degree in Mathematics. My academic and professional interests lie in the fields of data engineering, data science, and software engineer. I am currently seeking a full/part-time position as a working student or junior software engineer to further develop my skills and contribute to the field.

WORK EXPERIENCE

Smart Information Trade
02.2024 – 11.2024
Data engineer Intern

- Engineered an advanced exam scheduling application utilizing metaheuristic methods, achieving a 98% reduction in scheduling time from previous benchmarks.
- Achieve a 95% compliance rate with stakeholder constraints, signicantly enhancing scheduling efficiency.
- Prepare reports on the above information and communicate the insights of these reports to the broader business
- Provide a powerful monitoring application that improves scheduling efficiency, contributing to improved project success metrics.
- Skills: Python, Pandas, NumPy, Matplotlib, MySQL, DEAP, Genetic Algorithm, Excel, Word, Data visualization, Mathematics.

Digital Research & Technologies
04.2023 – 10.2023
Data engineer Intern

- Achieved actionable business insights by analyzing large datasets using Python and MySQL, increasing data accuracy by 25%.
- Developed efficient data pipelines, incorporating AWS Glue and Redshift, reducing processing time by 30%.
- Analyzed data trends, resulting in improvement in decision making speed for key strategy initiatives.
- Improved user satisfaction by 20% through collaborative integration of data-driven solutions.
- Skills: Python, MySQL, AWS Glue, AWS Redshift, HTML5, Selenium, BeautifulSoup, JSON.

EDUCATION

Exchange Student in Computer Science
2024 - Present
Hochschule Schmalkalden - University of Applied Sciences

Master's Degree in Data Science
2022 - 2024
Faculty of Science of Monastir

Bachelor's Degree in Applied Mathematics
2018 - 2022
Faculty of Science of Monastir