



- Passau, Germany
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- <https://github.com/moe-men>
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- Open to remote work

SKILLS

Programming Languages & Frameworks

- Python, SQL: **advanced**
- Apache Spark: **intermediate**
- shell scripting: **beginner**

Databases

- MySQL, PostgreSQL
- MongoDB, Cassandra

OS & Containerization

- Linux-Ubuntu: **advanced**
- Windows
- Docker: **advanced**

ETL

- Apache AirFlow

Cloud

- AWS: S3, RedShift, EC2

Project Management

- Agile Environment
- Jira

Version Control

- GitHub
- Bitbucket

Languages

English

- certificate: TOEIC 890/990

French

- certificate: VOLTAIRE 500/1000

German

- A2

Moemen Ebdelli

Junior Data Engineer

Junior Data Engineering Enthusiastic with two Master's Degree in Computer Science and in ICT Engineering. Currently working on data engineering tasks in a digital healthcare company.

Education

Double Master Degree Student

From October 2020 to December 2022 Passau University Passau, Germany
Computer Science: Data Science, Databases, Machine Learning

ICT Engineering Degree

From September 2018 to June 2020 Higher School of Communication of Tunis Aryanah, Tunisia
ranked 18/150

Bachelor Degree

From September 2016 to June 2018 Preparatory Institute for Engineering Studies of Tunis IPEIT Tunisia
Majoring in mathematics and physics
National rank: 74/1400

Work experience

Working Student - Data Engineering

Since July 2021 RAYLYTIC Leipzig, Germany

- Worked in a +5 members team
- Build ETL jobs in Apache Airflow to extract, and process FHIR data.
- Automate medical questionnaires exporting to different registries.
- Data Modeling with MariaDB to help the clinical study team get insights out of the questionnaire data.
- Refactoring +1.2K line code-base using OOP.
- Use Apache Superset to create dashboards.
- Creation and validation of test units.

Keywords: ETL, Airflow, Bunsen, Spark, Superset, Python, Docker, Linux, MariaDB

Working Student - Data Science

From January 2021 to May 2021 Universitätsmedizin Greifswald Greifswald

Support the IT Team During a migration phase to the python workflow environment and automating SQL query-translation to Pandas Data Frame operations.

Keywords: Jupyter notebook, Python, SQLServer, Pandas

Internship

From June 2020 to August 2020 SFM technologies Tunis, Tunisia

- Developing a web crawler allowing the scrapping of data related to Covid-19.
- Build a contamination prediction model, and create a dashboard using Power BI.

Keywords: Python, ScraPy, Scikit-learn, Power BI.

Academic Projects

Spark and Data Lake

Since July 2022 Udacity - Bosch AI Talent Accelerator Germany

Build an ETL pipeline that :

- Extract JSON data from S3
- Process the data using Spark
- Load the data back into S3 as a set of dimensional tables

ETL Data Warehouse On Redshift

Since July 2022 Udacity - Bosch AI Talent Accelerator Germany

Build an ETL pipeline that

- Extracts JSON data from S3
- Stages it in Redshift
- Transforms data into a set of dimensional tables

Mini-Hive system using Python:

From December 2020 to January 2021 Passau University Passau, Germany

- Query parser / Query optimizer
- Translate basic SQL operations into Map-Reduce jobs
- Rule-based optimization

Amazon Searching Automation

From October 2020 to December 2020 Personal Project Ariana, Tunisia

Create a Desktop application that accepts a product name and Scrapy Amazon to collect Data, Compare between the offers, and return the best Offer depending on either the reduction or the current price

Keywords: Python, MongoDB, Qt-Designer, Selenium.