

Ahmed Gueddiche

+1 (438) 303-8343 | Montreal, QC
ahmed.gueddiche2@gmail.com | ahmedgueddiche | ahmedgu2

SKILLS

Computer Languages : Python, R, SQL, C/C++

Technologies/Frameworks : GitHub, Pytorch, Dask, Airflow, Kedro, Mlflow

Languages : Arabic, French, English

EXPERIENCE

Value Digital Services

Nov. 2020 – Aug. 2022

Data Scientist

Tunis, Tunisia

- Led the development of a recommender system for Tunisia's biggest retail bank, serving 1M+ clients.
- Deployed and automated ETL and ML pipelines.
- Implemented custom algorithms for client and product prioritisation based on collaborative filtering.
- Conducted cluster analysis to extract client segments based on their transactional behaviour.
- Developed conversational AI for banks by combining NLP with knowledge bases.
- Implemented automated data preprocessing and modeling pipelines for a no-code AutoML solution.
- Assisted research about the resolution of partial differential equations using deep learning.

Value Digital Services

Jul. 2020 – Oct. 2020

Data Scientist - Internship

Tunis, Tunisia

- Designed a clients churn prediction solution for Tunisia's biggest retail bank.
- Collaborated with the marketing team to identify business objectives, key evaluation metrics and extract the necessary data needed for the analysis.
- Increased predictions reliability by 40% with an estimated \$1M savings annually.

InstaDeep

Jul 2019 – Aug. 2019

AI research engineer - Internship

Tunis, Tunisia

- Researched deep learning based recommender systems.
- Experimented with various algorithms ranging from collaborative filtering to hybrid systems.
- Increased performance by 27% by implementing a neural network architecture found in research paper.

Mitakus Analytics

Jan. 2019 – Jun. 2019

Data Scientist - Remote Internship

Munich, Germany

- Analyzed time series to assess factors impacting food industry.
- Implemented machine learning based algorithms to predict demand for canteens.
- Increased model performance by 15% by using feature engineering techniques on external data.

EDUCATION

Université de Montreal

Sep. 2022 – Aug 2024

MSc. Computer Science / Artificial Intelligence

Montreal, Canada

Le Mans Université

Sep. 2019 – Jul.2020

MSc. Data Science for Actuarial Science (Double degree)

Le Mans, France

Ecole Supérieure Privée d'Ingénierie et de Technologies

Sep. 2015 – Jul.2020

Engineering Degree, Computer Science

Tunis, Tunisia