



JAKOUK HAMZA

Berrechid

0659059785 | hamzajakouk5@gmail.com | github.com/hamza jakouk | linkedin.com/in/hamza jakouk

Personal Profile

2nd-year engineering student in Information System and Big Data Engineering. I am actively seeking a PFA internship in the field of Machine Learning, Cloud, Data Engineering, or Data Science.

Education

National School of Applied Science (ENSA)

Engineering cycle in Information System and Big Data

Berrechid, Morocco

Sept 2021 - Current

National School of Applied Science (ENSA)

Preparatory cycle

Berrechid, Morocco

Oct 2019 - Jul 2021

Al-Qods

Baccalaureate in Mathematics and Science A

Tan-Tan, Morocco

Oct 2018 - Jun 2019

Work Experience

Wing Technologie

Machine learning Engineer internship

Casablanca, Morocco

Jun 2022 - Aug 2022

- Framing the problem
- Obtaining the data
- Discovering and visualizing the data to gain insights
- Selecting and training a model
- Deploying, monitoring and maintaining the model

University Projects

Digit Recognition with CNN

National School of Applied Science (ENSA)

- Practical experience in digit recognition using CNNs. Trained a model to accurately recognize handwritten or printed digits. Leveraged CNNs to extract features from digit images, achieving high accuracy.
- Proficient in data preprocessing, model design, training, evaluation, and prediction using CNNs.

Fire Detection with CNN

National School of Applied Science (ENSA)

- Experience in Fire detection using CNNs. Developed a model for accurate fire detection.
- Proficient in data preprocessing, CNN model design, training, and evaluation.

Fashion Clothing Classification with CNN

National School of Applied Science (ENSA)

- Experience in Fashion Clothing Classification using CNNs. Developed a model for accurate classification of clothing items.
- Proficient in data preprocessing, CNN model design, training, and evaluation. Additionally, deployed the model on AWS for efficient utilization.

Churn Classification with Machine Learning

National School of Applied Science (ENSA)

- Experience in Churn Classification using Machine Learning. Developed a model to accurately predict customer churn.
- Proficient in data preprocessing, model design, training, and evaluation. Successfully applied the model for churn analysis and decision-making. Additionally, deployed the model on AWS for efficient utilization.

Twitter Streaming with Apache Kafka

National School of Applied Science (ENSA)

- Experience in Twitter Streaming with Apache Kafka. Implemented a data streaming pipeline for real-time Twitter data processing.
- Proficient in setting up Apache Kafka for data ingestion and processing. Successfully utilized Twitter data for real-time analysis and insights.

Skills

Data Science Python, Machine Learning, Deeplearning, BI, Talend, Linux, Windows.
Big Data HDFS, MapReduce, Cloudera, MySQL, SQL Developer, SQL*Plus.
Soft Skills Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Additional Education

2023	Machine learning specialization , Deeplearning AI	<i>Coursera</i>
2022	AWS Cloud Practitioner Essentials , Aws	<i>Coursera</i>
2022	Machine Learning Scientist With Python , DataCamp	<i>DataCamp</i>
2022	Natural Language Processing in Python , DataCamp	<i>DataCamp</i>

Interests

Cooking I love cooking. I am an expert in most Moroccan dish
Football From a young age, I have developed a deep passion for the sport of football. Whether it's watching matches or analyzing tactics.
Video Games I always had the gaming gene. I mostly play on my phone and occasionally on my switch.
Swimming I started swimming when I was 12. Going through submerged things while holding my breath was the most exciting part.

Languages

Arabic Native Language
English Fluent
French Fluent

References available upon request.