

# JAKOUK HAMZA

Berrechid

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#### Personal Profile\_

2nd-year engineering student in Information System and Big Data Engineering. | 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

National School of Applied Science (ENSA)

Preparatory cycle

Al-Qods

Baccalaureate in Mathematics and Science A

Berrechid, Morocco

Sept 2021 - Current

Berrechid, Morocco

Oct 2019 - Jul 2021

Tan-Tan, Morocco

7417 7411, 1-1010000

Oct 2018 - Jun 2019

Jun 2022 - Aug 2022

# Work Experience \_\_\_\_\_

Wing Technologie Casablanca ,Morocco

Machine learning Engineer internship

- · 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)

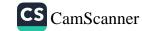
- Experience in Churn Classification using Machine Learning. Developed a model to accurately predict customer churn.
- Proficient in data preprocessing, model design, training, and evaluation. Successfully applied the model for churn analysis and decision-making.
   Additionally, deployed the model on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

MAY 24, 2023



### 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 Al	Coursera
2022	AWS Cloud Practitioner Essentials, Aws	Coursera
2022	Machine Learning Scientist With Python, DataCamp	DataCamp
2022	Natural Language Processing in Python, DataCamp	DataCamp

#### Interests \_\_\_\_\_

Cooking I love cooking. I am an expert in most Moroccan dish

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 Fluent