

# CHNAIDA AYYOUB

DATA SCIENTIST



## CONTACT

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## SKILLS

### Programming Languages and Tools:

- Python (NumPy, Pandas, Scikit-Learn)
- R
- SQL (PostgreSQL)
- MongoDB
- Machine Learning and AI:
- Machine Learning Algorithms (Regression, Classification, Clustering)
- Deep Learning (TensorFlow, Keras)
- Natural Language Processing (NLP)

### Data Visualization:

- Matplotlib
- Seaborn
- PowerBI

### Soft Skills:

- Time Management
- Leadership
- Effective Communication
- Critical Thinking



## PROFILE

Experienced in mathematics education and equipped with a recently completed master's degree in data engineering, I am deeply passionate about leveraging the transformative power of data science, including deep learning and natural language processing (NLP). With a strong foundation in mathematical analysis and hands-on experience in machine learning, deep learning, and data visualization, I am driven to apply my analytical acumen and creative problem-solving skills to tackle intricate challenges in data-driven environments. I am dedicated to pioneering innovative solutions that deliver impactful outcomes in today's dynamic data landscape



## WORK EXPERIENCE

### 3DSMARTFACTORY

JANUARY 2024- JUNE 2024

#### Data Scientist Intern

- Led the development of Shneider AIRecruit, an AI-driven recruitment solution utilizing BERT and Streamlit.
- Implemented data preprocessing and NLP techniques for resume analysis, including TF-IDF, Word2Vec, and BERT for classification and matching.
- Applied machine learning algorithms
- Designed and optimized scalable database management systems for efficient data handling.
- Collaborated with cross-functional teams to deliver user-friendly interfaces for recruiters and job seekers, enhancing usability and productivity.
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### Ministry of National Education

2017- 2023

#### Mathematics Teacher

- Developed curriculum-aligned lessons and assessments.
- Implemented innovative teaching methods
- Provided individualized support to students, enhancing learning outcomes.
- Organized extracurricular activities, including chess game workshops.

## LANGUAGES

- English (Professional)
- French (Professional)
- Arabic(Fluent)

## HOBBIES AND INTERESTS:

- Coding personal projects
- Playing chess
- Blogging about AI and data science
- Learning new languages
- Abstract arts



## EDUCATION

<div></div>	<b>Hassania School of Public Works</b>	2022 - 2024
	Master's Degree in Data Engineering	
<div></div>	<b>Ecole Normale Supérieure Casablanca</b>	2014 - 2017
	Bachelor of mathematics in Mathematics (Ens Casablanca)	
<div></div>	<b>Faculty of Science Semlalia</b>	2012- 2014
	General University Diploma in Physical Science (DEUG)	
<div></div>	<b>High School Diploma in Mathematics (SMA)</b>	2011



## EDUCATION

<div></div>	<ul style="list-style-type: none"><li>• Machine Learning Professional Certificate</li><li>• Data Analysis with Python</li><li>• IBM Data Analyst Capstone Project</li><li>• Data Visualization with Python</li><li>• Databases and SQL for Data Science with Python</li><li>• Excel Basics for Data Analysis</li><li>• Python Project for Data Science</li></ul>
<div></div>	<ul style="list-style-type: none"><li>• Exploratory Data Analysis for Machine Learning</li><li>• Introduction to Data Analytics</li><li>• Data Visualization and Dashboards with Excel and Cognos</li><li>• Python for Data Science, AI &amp; Development</li><li>• IBM Data Analyst Specialization</li></ul>