

MOUSTAPHA CHEIKH ABDELLAHI

☎ +222 47112021 ✉ 23007@esp.mr [in](#) [LinkedIn](#)

Profile

Second-year engineering student at the École Supérieure Polytechnique of Nouakchott, specializing in Statistics and Data Engineering (SID). Passionate about data analysis, programming, and technological innovation.

Experience and Projects

Central Bank of Mauritania

July 2024 - August 2024

Internship

Nouakchott

- Analysis and forecasting of foreign exchange reserves
- Use of statistical and econometric models to predict economic trends

Traffic Detection System

Oct 2024 - Present

Django Project

ESP, Nouakchott

- Development of a platform using YOLO model for real-time object detection
- Data analysis to identify congestion points

Automatic Irrigation System

Oct 2023 - June 2024

Innovation Project

ESP, Nouakchott

- Design and implementation of an automated irrigation platform
- Development of an alert system to deter birds

Medical Appointment Website

Oct 2023 - June 2024

Academic Project

ESP, Nouakchott

- Development of a full-stack website for medical appointments
- Implementation of authentication and scheduling systems

Education

École Supérieure Polytechnique

2023 - Present

Engineering Degree in Statistics and Data Engineering

Nouakchott, Mauritania

- Advanced courses in statistics, machine learning, econometrics

Preparatory Institute

2020 - 2023

Classes Préparatoires aux Grandes Écoles

Nouakchott, Mauritania

- Intensive training in mathematics, physics and engineering

Excellence High School 1

2020

Baccalaureate in Mathematics

Mauritania

- Grade: Good

Technical Skills

Data Science: Python (Pandas, NumPy), R, SQL, Scala
Machine Learning: Scikit-learn, TensorFlow, Predictive Modeling
Web Development: Django, HTML/CSS
Data Visualization: Matplotlib, Seaborn, Plotly
Statistical Analysis: Regression, Time Series
Data Engineering: Data cleaning, Feature Engineering

Languages

Arabic: Native language
French: Professional (DALF C2)
English: Intermediate (EF SET English Certificate B2)

Strengths

Professional: Team management, creativity, punctuality
Technical: Problem-solving under pressure

Associative Life

ESP Robotics Club

Active member

January 2024 - June 2024

Nouakchott, Mauritania

- Facilitated understanding, design and learning of robotics for students

Lemden Youth Association

Member

2018 - Present

Lemden

- Active participation in organizing community activities
- Coordination of football tournaments during vacations

Certifications

DALF C2: Advanced Diploma in French Language, C2 level
EF SET English Certificate B2
Introduction to Jupyter: 365 Data Science

Interests

Sports
Cinema
Music
Travel

References

Sidi BIHA

Head of Statistics and Data Engineering Department

- sidi.biha@esp.mr
- Tel: +222 26340338

École Supérieure Polytechnique

Abou DIENG

Professor and Researcher at École Supérieure Polytechnique

- abou.dieng@esp.mr
- Tel: +222 46722143

École Supérieure Polytechnique

Mohamed-Salem AHMED

Associate Professor of Statistics

- ms.ahmed@esp.mr

Higher Institute of Statistics Professions