GUIDIERA Aboubacar

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Profile

Motivated engineering student at École Centrale de Nantes, currently seeking a 3 to 4-month internship in Web Development or Artificial Intelligence, starting from late April 2026.

Education

École Centrale de Nantes, France   *2025 – Present*
Double-degree programme in General Engineering.

École Mohammadia d'Ingénieurs, Rabat, Morocco   *2023 – Present*
State Engineering Diploma – Computer Engineering and Digitalization.

Faculty of Sciences and Technology, Mohammedia, Morocco   *2021 – 2023*
DEUST in Mathematics, Computer Science, Physics – with honours.

ENI Abderhamane Baba Touré, Bamako, Mali   *2021*
Preparatory Year – Computer and Telecommunications Engineering.

Lycée Diba, Bamako, Mali   *2017 – 2020*
Baccalaureate – Science, with honours.

Professional Experience

Isicod, Rabat, Morocco   *June – August 2025*
Intern – Sign Language Bidirectional Translation Project

- Preprocessed the How2Sign dataset for training.
- Experimented with deep learning models for translation tasks.
- Participated in the development of the full translation pipeline.

National Institute of Oncology, Rabat, Morocco   *July – September 2024*
Data Science Intern – Breast Cancer Risk Prediction

- Developed a machine learning model to predict breast cancer risk.
- Deployed the model within a RESTful API using Flask.

Technical Skills

Languages: Java, C, C++, Python, SQL
Tools: Git, VS Code, IntelliJ, Ubuntu, MySQL, Figma, Jupyter Notebook, Matlab
Other: UML Modelling, Project Management, Numerical Analysis

Projects

- E-commerce website using Angular framework
- AWS services exploration: IAM, EC2, Lambda, Route 53
- Course recommendation app using MOOC dataset
- Ticket booking application in Java
- COVID-19 data analysis project in R

Certifications

- Oracle OCI - Generative AI
- AWS Cloud Quest: Cloud Practitioner
- EF SET English Certificate: 53/100 (B2 level)
- First Aid Certificate – SDIS 44 (Sept. 2025)

Extra-Curricular Activities

Member – Digital Cell, Enactus EMI
2nd place winner in Orange Mega Hackathon (250+ teams, 2100 participants)

Additional Information

Languages: French (fluent), English (intermediate), Soninké, Bambara
Soft Skills: Teamwork, Rigour, Project Management
Interests: Travel, Reading, Football

References available upon request.