

BACHIR SABO

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EDUCATION

National School for Statistics and Data Analysis (ENSAI)

Master's degree in Engineering (Diplôme d'ingénieur) specializing in Data Science and Economics

Rennes, France

August 2019 - November 2022

Paris Dauphine University - PSL

Double Bachelor's degree in Applied Economics (concurrently with ENSAI)

Paris, France

September 2020 - July 2021

Pothier - Preparatory Classes for Grandes Écoles (CPGE)

Specializing in mathematics and physics. Ranked top of my class of 41 students

Orleans, France

July 2016 - June 2019

PROFESSIONAL EXPERIENCE

Wavestone

Data Consultant — Financial Services

Paris, France

Mar 2023 - Present

- **(BPCE) Generative AI Market Monitoring and Strategic Development**
Conducted market analysis for generative AI applications in IT within a bank and financial institution, supporting strategic roadmap development.
- **(Wavestone) Modernization of Legacy Systems**
Led a reverse-engineering Python project for COBOL code using LLMs, improving documentation and insights.
- **(AXA) Data & AI Strategic Transformation**
Actively participated in a major transformation initiative integrating data and AI to streamline operations, producing deliverables and insightful presentations for non-technical audiences.

United Nations Volunteers (UNV - UNDP)

Data Scientist Volunteer

Remote

Mar 2024 - Present

- Developed probabilistic Bayesian deep learning models using Python.
- Implemented multilabel text classification, enhancing accuracy and insight.

Bloomin

Data Scientist - Intern

Paris, France

May 2022 - Nov 2022

- Conducted statistical analysis using MCA and implemented a generalized ordinal model.
- Co-led a multilingual, multilabel text classification project using NLP and deep learning techniques.
- Effectively communicated complex technical concepts to non-technical stakeholders.

Institute for Research and Documentation in Health Economics (IRDES)

Statistician, Economics Researcher

Rennes, France

Oct 2021 - Mar 2022

- Conducted a comprehensive literature review on subjective health assessments.
- Analyzed health determinants with MIMIC and ordered probit models.

United Nations Economic Commission for Africa (UNECA)

Data Scientist - Economic Affairs Intern

Addis-Abbeba, Ethiopia

Jul 2021 - Sep 2021

- Utilized e-commerce data to optimize intra-regional trade strategies within the AfCFTA.
- Developed a Python-based decision-support application for economic agents, implementing web scraping techniques for data collection, preparation and analysis.

LANGUAGE AND IT SKILLS

LANGUAGES : French: Native proficiency — English: Fluent

TECHNICAL SKILLS :

Programming languages

Python, R, Stata, SQL, SAS

Data Science & Analysis

Machine learning, Deep learning (NLP, computer vision), Econometrics,
Time series analysis, Panel data regression, Spatial regression

Technologies & Frameworks

MLOps (WandDB), Cloud Computing (Azure), Containerization (Docker)

LEADERSHIP AND ACTIVITIES

Association Involvement :

President of the "Stat Me Up" Music Association at ENSAI

Sep 2021 - Jun 2022

Treasurer of the "JO'kers" Student Office at Ker lann Campus

Sep 2021 - Sep 2022

President of "Ensayi Welcome Team", an association dedicated to the reception and integration of international students

Jun 2021 - May 2022

International Experience :

Lived in Madagascar (3 years), Burkina Faso (4 years), Niger (1 year), and Mauritania (1 year), gaining fluency in multiple languages and deep insights into diverse cultural practices