

GUEYE MAMADOU

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☎ +221773896324 📍 Dakar, Senegal Age: 27, Single



PROFESSIONAL EXPERIENCES

Intern in Executive Council for Urban Transport in Dakar (CETUD)

📅 August 2019 – November 2019 📍 Dakar, Senegal

- Microeconomic Analysis of modal choices of workers in Dakar
- Technology : R, Excel

Clustering of the world's countries and the building process of development indicators ,ENSAE, ISE

📅 Avril 2018 – Juin 2018 📍 ENSAE,Dakar,Sénégal

- Technology : SPAD

Survey of the household waste management in Dakar

📅 June 2018 – June 2018 📍 ENSAE,Dakar,Senegal

- Task: Investigator

BI Analytical skill: building a score function, creation and implementation of application with VBA Excel

📅 May 2018 – June 2018 📍 ENSAE,Dakar,Senegal

- Technology: SPAD, VBA, Excel

Analysis of the evolution of the public opinion about democracy and the government, 2012 to 2015,ENSAE, ISE

📅 May 2017 – June 2017 📍 ENSAE,Dakar,Senegal

- Technology: SPSS

Social Experience from the Youngsters Commitment for Promoting Education (French: Association des Jeunes au Service de l'Education (AJSE))

📅 October 2012 – Now 📍 Pikine,Dakar,Senegal

- Assisting high school student and undergraduates learning mathematics
- Chairman of the english club

PROFESSIONAL PROJECT

Project - AI development skill in the transport field for forecasting traffic

📅 2020– 📍 Dakar

PROFESSIONAL SKILL

Data Analysis with R, STATA, SPSS, SPAD

📅 ENSAE

TRAINING AND GRADE

Economist and Statistician Ingenior-ISE

📅 2017– 2020 📍 ENSAE Dakar

Master in Applied-Mathematics

📅 2015 – 2017 📍 UCAD

Licence in Mathematics

📅 2012-2015 📍 UCAD

Baccalaureat of mathematics and physics

📅 2012 📍 Lycée de Pikine

WORKING TOOLS

Stata & R

SPSS & LaTeX

Excel & VBA & GAMS

python & Tableau desktop & Hadoop

Microsoft Visual Studio & Microsoft SQL Server

SQL Power Architect & Squirrel SQL

LANGUAGES

Bilingual

French(speaking & writing)



English(speaking & writing)



HOBBIES

Basketball

Art of communication

- ACP, ACM,AFC, AFD, ANOVA, ANCOVA
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Econometric models

📅 ENSAE

- logistic regression, survival models,discret choices models,time series models...

Machine learning and BI Analytical skill

📅 ENSAE

- supervised learning and unsupervised learning
- Tool: SSIS for data integration, Tableau desktop for visualisation, python for analysis

Recent certifications

📅 ENSAE

- Data science from A to Z: Udemy.com
 - Modeling and implementing a relational database with UML:Openclassroom
 - Oriented-Object Programming in python: Open Classroom
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Survey

📅 ENSAE

- Conception, management (CSpro,ODK),follow-up (Commcare) and Analysis
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Numerical Analysis

📅 ENSAE

- Scientific computing and implementation in scilab
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Programming

📅 ENSAE

- C#, R, Visual Basic, python