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## Massoudou Namata Abdoul Wahid

Montreal, Quebec, Canada

*Click the links below to access my email, LinkedIn profile, personal website, and GitHub.*

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### Summary Profile

Economist with hands-on research experience in development economics, international taxation, and education policy across African and European institutions.

Proficient in econometric modeling, impact evaluation, and data science (Python, R, Stata), with a strong foundation in macroeconomic and microeconomic analysis.

Expertise in survey design, data visualization, and machine learning, with a focus on large-scale datasets for evidence-based policy research.

Strong leadership and organizational skills demonstrated through event coordination, academic mentoring, and representation in institutional committees.

### Professional Experience

#### Research Assistant in Economics and Statistics

Mar. 2024 – Aug. 2024

*Department of Sociology & Economics of Networks and Services (Orange), Paris, France*

- Big Data processing with Python & R: data cleaning, database merging (fuzzy matching, Sharpe method), data visualization and statistical analysis.
- Document processing automation using Python (Tesseract OCR).
- Development and implementation of a PDF text scraping model.
- Design of impact evaluation protocols (RCT, DID, IV, RDD).
- Design of quantitative and semi-structured survey questionnaires.

#### Research Assistant – Economic Analysis

May 2023 – July 2023

*Laboratory for Statistical Analysis Applied to Economic Research, Casablanca, Morocco*

- Study of the socio-economic determinants of urban water consumption, contributing to sustainable resource management research.
- In-depth literature reviews and creation of relevant indicators for empirical analysis.
- Survey data cleaning and preprocessing (R & Stata), ensuring model reliability.
- Statistical analysis (Chi-square tests) and estimation of logit/probit models to assess the impact of socio-economic factors.

#### Administrative Assistant – Research Logistics

Jan. 2025 – April 2025

*Université du Québec à Montréal, Montreal, Canada*

- Data entry in collaboration with the Rectorate for the collection and centralization of faculty scientific publications.
- Contributed to the creation of a research database for ESG UQAM.

#### Teaching Assistant

Dec. 2024 – April 2025

*Université du Québec à Montréal, Montreal, Canada*

- Graded undergraduate-level assignments and exams in macroeconomics.

#### Private Tutor in Statistics (Bachelor level)

Feb. 2023 – May 2023

*Anacours, Clermont-Ferrand, France*

- Provided individualized support to undergraduate students in economics and management.
- Taught core concepts of descriptive statistics, including means, medians, variance, and standard deviation.
- Guided students in interpreting data tables and graphical representations.
- Adapted teaching methods to meet students' academic needs and levels.

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## Academic Background

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### Ph.D. Coursework in Economics

2024 – 2025

*Université du Québec à Montréal (UQAM)*

*Montreal, Canada*

- Advanced Macroeconomics
- Dynamic Programming Methods
- Advanced Microeconomic Theory and Game Theory

### Master's in Economics

2022 – 2024

*Université Clermont-Auvergne (CERDI)*

*Clermont-Ferrand, France*

- Health Economics
- Education Economics
- Public Policy
- Applied Econometrics and Data Analysis

### Bachelor's in Economics and Management

2018 – 2021

*Université Hassan II*

*Casablanca, Morocco*

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## Technical Skills

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- **Languages & Software:** MATLAB, Python, R, STATA, Power BI, GAMS, QGIS, MS Office Suite, LaTeX editor.
- **Supervised Machine Learning:** Linear and polynomial regression, logistic regression, k-NN, SVM, decision trees, random forests, XGBoost, LightGBM.
- **Unsupervised Machine Learning:** k-Means, DBSCAN, hierarchical clustering, PCA, t-SNE.
- **Time Series Analysis:** ARIMA models, stationarity, exponential smoothing, forecasting.
- **ML Tools:** scikit-learn, Keras, pandas, NumPy, matplotlib, seaborn.

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## Selected Research Projects

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For detailed descriptions, code repositories, and data visualizations related to the following projects, please visit my *personal website*, *GitHub*, or *LinkedIn profile*.

Chinese Financial Flows and Economic Growth in Recipient Countries

Socio-behavioral Determinants of HIV Prevalence in Namibia

Geospatial Analysis of Conflict Data

Education Production Function and Student Performance Analysis in West Africa

Macroeconomic Time Series Forecasting

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## Interpersonal Skills

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Communication, Adaptability, Teamwork, Creative Problem Solving, Organizational Leadership

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## Certifications

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Data Science with R, **DataCamp**, 2023.

Project Monitoring and Evaluation, **AFD**, 2024.

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## Awards & Scholarships

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ANAB (Nigerien Agency for Scholarships and Grants): Master's scholarship (2022–2024).

Merit Scholarship IDGT SFRI CAP 20-25 (2023–2024).

Erasmus International Mobility Grant for Internship (2023).

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## Languages

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**French:** Native    **English:** Fluent    **Hausa:** Native

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## Activities and Interests

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### President, 10th Scientific, Sports, and Cultural Week (2021)

- Oversaw and coordinated the entire event.
- Managed logistics and partner engagement.

### Member, Department of Economics Program Committee (2024 – Present)

- Student representative contributing to discussions on course structure, assessment, and admissions.
- Collaborated with faculty and administration to enhance academic program quality.

### University Basketball and Football Team Member (2019)

### Chess Club Member (University)

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## References

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### Dr. Virginie Comblon

*virginie.comblon@orange.com*

Researcher at Orange Innovation Research Lab

### Prof. Simone Bertoli

*simone.bertoli@uca.fr*

Professor of Economics, CERDI, Université Clermont Auvergne, CNRS, IRD & Research I

### Prof. Vianney Dequiedt

*Vianney.Dequiedt@uca.fr*

Professor of Economics, Université Clermont Auvergne, CERDI