

Massoudou Namata Abdoul Wahid

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SUMMARY

Aspiring economist at the intersection of economic analysis, data science, and public policy. I leverage advanced quantitative tools to decode economic dynamics and develop concrete responses to development challenges. I apply empirical research, econometrics, and data science methods to produce actionable, field-grounded insights. Proven experience in econometric modeling, impact evaluation, and data analysis (Python, R, Stata), with strong expertise in applied macroeconomic and microeconomic analysis. Skilled in survey design, data visualization, machine learning, and processing large datasets for policy-oriented research. Demonstrated leadership and organizational abilities through academic and extracurricular involvement (event organization, student representation, and tutoring).

WORK EXPERIENCE

Administrative Assistant – Research Logistics, Université du Québec à Montréal (UQAM), Montreal, Canada Jan. 2025 – Apr. 2025

- 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, Université du Québec à Montréal (UQAM), Montreal, Canada Dec. 2024 – Apr. 2025

- Graded undergraduate-level assignments and exams in macroeconomics.
- Proctored midterm and final exams.

Research Assistant in Economics and Statistics, Orange Innovation (Dept. of Sociology & Economics of Networks and Services), Paris, France Mar. 2024 – Aug. 2024

- 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, LASAARE (Laboratory for Statistical Analysis Applied to Economic Research), Casablanca, Morocco May 2023 – Jul. 2023

- 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.

Private Tutor in Statistics (Bachelor level), Anacours, Clermont-Ferrand, France Feb. 2023 – May 2023

- Provided individualized support to undergraduate students in economics and management.

- Taught core concepts of descriptive statistics (means, medians, variance, standard deviation).
- Guided students in interpreting data tables and graphical representations.
- Adapted teaching methods to meet students' academic needs and levels.

PROJECTS

Chinese Financial Flows and Economic Growth in Recipient Countries

Analysis using international financial flows datasets.

Socio-behavioral Determinants of HIV Prevalence in Namibia

Preprocessing and analysis of large-scale DHS survey datasets.

Geospatial Analysis of Conflict Data

Application of geospatial data analysis techniques using Python.

Education Production Function and Student Performance in West Africa

Evaluation using large-scale education assessment data (PASEC).

Macroeconomic Time Series Forecasting

Forecasting using macroeconomic time series data in R.

For detailed descriptions, code, and visualizations, see: [personal website](#), [GitHub](#), or [LinkedIn](#).

EDUCATION

- 2024 – 2025 Ph.D. training in Economics , **Université du Québec à Montréal (UQAM)**, Canada
Doctoral coursework in advanced microeconomic theory (optimisation, general equilibrium, game theory), macroeconomic modelling (recursive equilibria, OLG, RBC), dynamic optimisation (Lagrangian/Hamiltonian, Bellman, stochastic dynamic programming), and environmental/resource economics (Hotelling rule, dynamic pollution control).
- 2022 – 2024 Master's in Economics, **Université Clermont-Auvergne (CERDI)**, France
Specialisation in development economics, applied econometrics (panel, qualitative, impact evaluation), project cycle management (cost–benefit/effectiveness, sensitivity, multicriteria analysis), and integration of GIS, survey methods, and policy analysis.
- 2018 – 2021 Bachelor's in Economics and Management, **Université Hassan II**, Casablanca, Morocco

TECHNICAL SKILLS

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

INTERPERSONAL SKILLS

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

CERTIFICATIONS

- 2024 Project Monitoring and Evaluation, **AFD**
2023 Data Science with R, **DataCamp**

AWARDS & SCHOLARSHIPS

2023 Erasmus International Mobility Grant for Internship
2023–2024 Merit Scholarship IDGT SFRI CAP 20-25
2022–2024 ANAB (Nigerien Agency for Scholarships and Grants): Master's scholarship

LANGUAGES

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

ACTIVITIES AND INTERESTS

- **President, 10th Scientific, Sports, and Cultural Week** (2021): Oversaw coordination, logistics, and partner engagement.
- **Member, Department of Economics Program Committee** (2024 – Present): Student representative on course structure, assessment, and admissions; collaborated with faculty and administration.
- **University Basketball and Football Team Member** (2019); **Chess Club Member**.

REFERENCES

Dr. Virginie Comblon	Researcher, Orange Innovation Research Lab – virginie.comblon@orange.com
Prof. Simone Bertoli	Professor of Economics, CERDI, Université Clermont Auvergne, CNRS, IRD; Research Fellow at IZA – simone.bertoli@uca.fr
Prof. Vianney Dequiedt	Professor of Economics, Université Clermont Auvergne, CERDI – Vianney.Dequiedt@uca.fr