

IBRAHIM KASSOUM Habibou

DEVELOPMENT ECONOMIST & DATA SCIENTIST

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Current position

Ph.D. candidate in Economics

University Clermont Auvergne - CERDI - CNRS - IRD - France

Research interests

Development Economics, Nutrition and Health, Applied Microeconomics, Data Science and Machine Learning.

Work experience

UMR Aix-Marseille School of Economics (AMSE)

Marseille, France

DATA ANALYST CONSULTANT (SEVERAL PROJECT)

Sep. 2022 - Aug. 2023

Managed and analyzed datasets from various sources, conducted statistical analysis and impact assessments, prepared reports and supervised interns.

French Research Institute for Development (IRD)

Marseille, France

RESEARCH ASSISTANT - DATA ANALYST (INTERNSHIP)

Apr. 2022 - Sep. 2022 (6 months)

Performed various quantitative analyses under the supervision of a senior economist.

French Institute of Science and Technology for Transport, Development and Networks (IFSTTAR)

Lyon, France

RESEARCH ASSISTANT - DATA ANALYST (INTERNSHIP)

Jun. 2021 - Sept. 2021 (4 months)

Analyzed and forecasted French car market trends using time series techniques and provided data-driven policy recommendations.

Senegalese Observatory of Poverty and Living Conditions (OPCV)

Dakar, Senegal

RESEARCH ASSISTANT - DATA ANALYST (INTERNSHIP)

Mar. 2020 - Aug. 2020 (6 months)

Developed a data collection application, managed survey data and analyzed household health expenditures.

Nigerien National Institute of Statistics (INS) & National Information Platforms for Nutrition (NIPN)

Niamey, Niger

RESEARCH ASSISTANT - DATA ANALYST (INTERNSHIP)

July 2018 - Sept. 2018 (3 months)

Managed, analyzed survey data from Niger and computed regional malnutrition rates.

Education

University Clermont Auvergne - CERDI - CNRS - IRD - France

Clermont Ferrand, France

PH.D. IN DEVELOPMENT ECONOMICS

Sept. 2023 - Present

- Topic : Essays on the Health Impact of Conflicts and Natural Disasters
- Thesis supervision: Pascale PHELINAS (University Clermont Auvergne, CERDI) & Jordan LOPER (University Clermont Auvergne, CERDI).

Ecole Nationale de la Statistique et de l'Analyse de l'Information (ENSAI- Rennes)

Rennes, France

M.ENG. IN DATA SCIENCE (HEALTH AND ECONOMIC MODELING)

Sept. 2020 - Dec. 2022

- Econometrics, times series, panel data and machine learning;
- Public policy evaluation and economic modeling;
- Health economics and public health.

Aix-Marseille School of Economics (AMSE)

Marseille, France

M.Sc. IN THEORETICAL AND EMPIRICAL ECONOMICS (ETE)

Sept. 2021 - Oct. 2022

- Development economics and research methodology;
- Macroeconomics and growth theories;
- Microeconomics and economics of taxation.

Ecole Nationale de la Statistique et de l'Analyse Economique (ENSAE-Dakar)

Dakar, Senegal

B.ENG IN APPLIED STATISTICS

Oct. 2016 - Aug. 2020

- Statistics, machine learning, econometrics and demography;
- Microeconomics and macroeconomics;
- Data mining and computer science.

Teaching Experience

University Clermont Auvergne

Clermont Ferrand, France

TEACHING ASSISTANT

oct. 2023 - Present

- Inferential statistics, B.Sc. (10 hours);
- Probabilities and mathematics, B.Sc. (15 hours).

Computer Skills

Mastered software

Level: advanced

SCIENTIFIC SOFTWARE

- STATA, SPSS, ArcGis and MS Office (MS Word, MS Excel and MS PowerPoint).

Programming

Level: advanced

SOFTWARE SKILLS

- Python, R, VBA, SQL and Tex.

Online certification

Massachusetts Institute of Technology (Online)

MITx

MICROMASTERS PROGRAMS IN DATA, ECONOMICS, AND DEVELOPMENT POLICY (DEDP)

Sept. 2023 - Present

Provided practical skills to address global challenges such as poverty, climate change and gender issues. Classes are taught by esteemed MIT faculty, including Nobel laureates *Esther Duflo* and *Abhijit Banerjee*.

University of Geneva (Online)

Coursera

INTERNATIONAL ORGANIZATIONS MANAGEMENT

Aug. 2020 - Oct. 2020

Studied current challenges of international organizations along with their marketing and fundraising strategies (See certificate).

AGRO CAMPUS Ouest (Online)

Fun MOOC

MULTIDIMENSIONAL DATA ANALYSIS

Apr. 2019 - May 2019

Applied and interpreted multidimensional data analysis methods (PCA, MCA, LDA, etc.) using R (See certificate).

Volunteering

Welcome team of ENSAI

Rennes, France

VOLUNTEER

Aug. 2021 - Dec. 2022

Assisted international students with arrival, housing, and administrative procedures. Organized events to foster socialization and integration with other ENSAI students.

Sustainable development committee of ENSAI

Rennes, France

VOLUNTEER

Dec. 2020 - Dec. 2022

Promoted sustainable development awareness at ENSAI, implemented energy and paper reduction initiatives and organized tree planting activities.

UN online volunteer program

Online

DONATIONS TEAM OF CAMEROON ASSOCIATION OF ACTIVE YOUTHS (CAMAAY)

Jun. 2021 - Sept. 2021

Researched and implemented a money transfer tool for donations, analyzed successful donation campaigns for insights and wrote summaries of CAMAAY activities for the donation website.

Extracurricular activities

Association of Nigeriens in Clermont-Ferrand

Clermont-Ferrand, France

PRESIDENT

Mars 2018 - Present

Conducted community initiatives, organized cultural events and provided support for Nigerien residents in Clermont-Ferrand.

Soft Skills Club of ENSAE-Dakar

Dakar, Senegal

SECRETARY

Oct. 2018 - Aug. 2019

Promoted student skill development through training sessions, public speaking competitions and club leadership support.

Electoral Committee of Lycée d'Excellence de Niamey

Niamey, Niger

PRESIDENT

Sep. 2015 - Oct. 2015

Fostered student union awareness, organized its election and successfully established the union.

Conferences and Seminars

2024

- Sustainable Food Systems Symposium 2024 | University of Göttingen, Germany (*scheduled*)
- 40th Journées de Microéconomie Appliquée (JMA) | Université Catholique de Lille, France

2023

- CERDI's Internal seminar | University Clermont Auvergne, France.

Honorship and Awards

2023-2026 **Ph.D. Scholarship**, University Clermont Auvergne.

2020-2022 **Scholarship**, ENSAI-Rennes admission based on school record.

2016-2020 **Scholarship**, ENSAE-Dakar entrance exam.

Languages

- **English**: fluent.
- **French**: native.
- **Arabic**: basic.

References

Pascale PHELINAS (University Clermont Auvergne, CERDI, IRD): Pascale.PHELINAS@uca.fr

Bruno VENTELLOU (Aix-Marseille School of Economics, IRD): bruno.ventelou@univ-amu.fr

Jordan LOPER (University Clermont Auvergne, CERDI): jordan.loper@uca.fr