

# 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 ANALYSIS CONSULTANT (SEVERAL PROJECT)

Sep. 2022 - Aug. 2023

Research assistant position (Pre-doc) where my main role was to manage and analyze datasets from various sources. Additionally, I conduct statistical analysis and impact assessments, prepare reports and supervise interns.

### French Research Institute for Development (IRD)

Marseille, France

RESEARCH ASSISTANT (INTERNSHIP)

Apr. 2022 - Sep. 2022 (6 months)

Research internship in the health division where I 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 (INTERNSHIP)

Jun. 2021 - Sept. 2021 (4 months)

This internship focused on analyzing and forecasting 20 years of French car market trends using time series techniques and providing data-driven policy recommendations.

### Senegalese Observatory of Poverty and Living Conditions (OPCV)

Dakar, Senegal

RESEARCH ASSISTANT (INTERNSHIP)

Mar. 2020 - Aug. 2020 (6 months)

In this position, my role was to design a data collection application and manage survey data, analyze household health expenditures using the WHO's KE XU methodology and investigate the relationship between poverty and health expenditures.

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

Niamey, Niger

RESEARCH ASSISTANT (INTERNSHIP)

July 2018 - Sept. 2018 (3 months)

Managed and analyzed 2016 SMART survey data from Niger to compute regional malnutrition rates and collaborated with the NIPN team on statistical analysis and interpretation.

## Education

### University Clermont Auvergne - CERDI - CNRS - IRD - France

Clermont Ferrand, France

PHD 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

- Econometric, 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, econometric and demography.
- Microeconomics and macroeconomics.
- Data mining and computer science.

## Teaching Experience

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### 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

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### Mastered software

Level: advance

SCIENTIFIC SOFTWARE

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

### Programming

Level: advance

SOFTWARE SKILLS

- Python, R, VBA, SQL and Tex.

## Online certification

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### Massachusetts Institute of Technology (Online)

MITx

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

Sept. 2023 - Present

This MicroMasters provides 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

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## Welcome team of ENSAI

Rennes, France

### VOLUNTEER

Aug. 2021 - Dec. 2022

Assisted international students with arrival, housing, and administrative procedures. Organizing 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

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### Association of Nigeriens in Clermont-Ferrand

Clermont-Ferrand, France

#### PRESIDENT

Mars 2018 - Present

I led 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

Facilitating 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

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

## Conferences and Seminars

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### 2024

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

### 2023

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

## Honorship and Awards

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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

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

## References

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

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