IBRAHIM KASSOUM Habibou

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"Be the change that you want to see in the world."

Summary

Dedicated and results-driven professional with over 2 years of proven experience in data analysis, processing and management. Proficient in utilizing advanced statistical tools and coding languages such as R, Python, Stata, ArcGIS and Excel to derive actionable insights from complex datasets including census and household survey data. Adept at synthesizing research findings into comprehensive reports and contributing to data-driven decision-making. Possesses strong organizational skills honed in multinational work environments ensuring the timely and accurate completion of tasks.

Work Experience

UMR Aix-Marseille School of Economics (AMSE)   *Marseille, France*

DATA ANALYSIS CONSULTANT (SEVERAL PROJECT)   *Sep. 2022 - Aug. 2023*

- Management and analysis of DHS dataset from several Sub-Saharan countries including Cameroon, Benin and Nigeria.
- Utilized R, Python, and ArcGIS to perform statistical analyses, constructing women's empowerment indicators and discerning its impact on the health of household members.
- Prepared detailed research reports, presentations of findings and supervision of several interns.

French Research Institute for Development (IRD)   *Marseille, France*

RESEARCH ASSISTANT (INTERNSHIP)   *Apr. 2022 - Sep. 2022 (6 months)*

- Assisted in collecting, cleaning, and organizing data from WHO on the spread of Ebola virus in Sub-Saharan Africa.
- Conducting statistical analyses to aid senior researchers in drawing meaningful conclusions using R and Excel for data manipulation.
- Using machine learning tools to assess the efficiency of international health aid in reducing the Ebola disease spread.

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

RESEARCH ASSISTANT (INTERNSHIP)   *Jun. 2021 - Sept. 2021 (4 months)*

- Collecting and analyzing the evolution of the French car market over the last 20 years.
- Employed time series analysis techniques and leveraged R and Excel software to forecast the trajectory of the French car market for the upcoming three years.
- Formulated actionable policy recommendations based on data-driven insights to guide future strategies and decisions.

Senegalese Observatory of Poverty and Living Conditions (OPCV)   *Dakar, Senegal*

RESEARCH ASSISTANT (INTERNSHIP)   *Mar. 2020 - Aug. 2020 (6 months)*

- Designing the data collection application for a survey data and data management.
- Applied the KE XU methodology as outlined by the WHO to analyze household health expenditures and identified households vulnerable to catastrophic health expenditures using the LSMS dataset from the World Bank.
- Conducted in-depth examination of the intricate interplay between poverty and health expenditures, illuminating insights that enrich the understanding of this relationship and inform potential interventions.

Nigerien National Institute of Statistics (INS) & National Information Platforms for Nutrition (NIPN)   *Niamey, Niger*

RESEARCH ASSISTANT (INTERNSHIP)   *July 2018 - Sept. 2018 (3 months)*

- Cleaning up and performing a data quality analysis of the SMART survey data of Niger in 2016.
- Computing malnutrition rates (chronic, severe and acute) by place of residence and region using data obtained from the SMART-2016 survey of Niger.
- Collaborated closely with the NIPN team in utilizing statistical software and interpreting their analysis results.

Education

University of Clermont Auvergne
Clermont Ferrand, France

PHD IN DEVELOPMENT ECONOMICS
Oct. 2023 - Oct. 2026

- Topic : *Women's empowerment and health, what are the economic channels?*
- Supervisors : Pascale PHELINAS and Jordan LOPER.

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

ENGINEERING DEGREE 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.
- Succeeds with honors.

Aix-Marseille School of Economics (AMSE)
Marseille, France

MASTER DEGREE IN THEORETICAL AND EMPIRICAL ECONOMICS (ETE)
Sept. 2021 - Oct. 2022

- Development economics (health, gender, education, human and physical capital) and research methodology.
- Macroeconomics and growth theories.
- Microeconomics and economics of taxation.
- Succeeds with honors.

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

BACHELOR DEGREE IN APPLIED STATISTICS
Oct. 2016 - Aug. 2020

- Statistics, machine learning, econometric and demography.
- Microeconomics and macroeconomics.
- Data mining and computer science.
- Succeeds with honors.

Online certification

University of Geneva (Online)
Coursera

INTERNATIONAL ORGANIZATIONS MANAGEMENT
Aug. 2020 - Oct. 2020

- Definition, history and different types of international organizations.
- Nowadays mains challenges for international organizations.
- Marketing and fund raising for international organizations.
- See certificate

AGRO CAMPUS Ouest (Online)
Fun MOOC

MULTIDIMENSIONAL DATA ANALYSIS
Apr. 2019 - May 2019

- Multidimensional data analysis methods (PCA,MCA, LDA etc...).
- Multidimensional data analysis application with R.
- Multidimensional data analysis results interpretation.
- See certificate

Computer Skills

Mastered Software
Level: advance

SCIENTIFIC SOFTWARE

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

Software Skills
Level: advance

PROGRAMMING

- R, Python, VBA, SQL and Latex.

Volunteering

Welcome team of ENSAI

Rennes, France

VOLUNTEER

Aug. 2021 - Dec. 2022

- Welcoming international students from their arrival in France to their installation in their home.
- Helping international students with their administrative procedures before and after they arrived to France and give them some advice about the life in France.
- Organize events to enable international students to meet ENSAI's students, socialise and help them with any issues they may have.

Sustainable development committee of ENSAI

Rennes, France

VOLUNTEER

Dec. 2020 - Dec. 2022

- Sensitization of ENSAI's students on the stakes of sustainable development and the need to preserve environment.
- Implementing actions to reduce energy consumption and paper usage in ENSAI.
- Planting trees around ENSAI.

UN online volunteer program

Online

DONATIONS TEAM OF CAMEROON ASSOCIATION OF ACTIVE YOUTHS (CAMAAY)

Jun. 2021 - Sept. 2021

- Searching for a suitable money transfer tool to collect donations (money) gather them and send them easily to CAMAAY.
- Searching for successful donation campaigns and find the reasons of their success to inspire CAMAAY donation's campaign and improve their chances of success.
- Writing short summaries on the activities planned by CAMAAY to organize the donation website.

Extracurricular activities

Soft Skills Club of ENSAE-Dakar

Dakar, Senegal

SECRETARY

Oct. 2018 - Aug.2019

- Organize training sessions to help students to learn how to write a resume, a cover letter and prepare for a job interview.
- Organize a public speaking competition to help students express themselves in public.
- Assisting the president of the club.

Electoral Committee of Lycée d'Excellence de Niamey

Niamey, Niger

PRESIDENT OF THE COMMITTEE

Sep. 2015 - Oct.2015

- Raising student awareness about the importance of having a student union, presenting its missions, and motivating potential candidates.
- Organizing the election for the establishment of the student union.
- The goal has been achieved, and the President of the student union has expressed his gratitude.

Honorship and Awards

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

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

Languages

Speaking and writing abilities

- **English**: fluent (TOEIC score of 850).
- **French**: native.