Gaius Ahamide

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Research Economist
Causal Inference | Data Science | Stata and R

AT A GLANCE

- A motivated expert capable of working with various teams or independently to deliver insights for growth and potential

- Proficiency in solving novel problems using rich data with an advanced methodology for efficient and viable policy decisions

- Ability to disseminate findings rigorously to any audience regardless of their mastery of any specific topic

SOFTWARE SKILLS

- Stata
- R
- SQL
- SPSS
- CSPRo
- Latex
- MS Office
- Tableau

AWARDS

- Outstanding Graduate Research Assistant (GRA) Award
- Labor Studies grant, Usery Chair
- Predoctoral fellowship Scholarship of excellence, B.Sc. Degree

EDUCATION

- **Ph.D., Economics, AYSPS Georgia State University (Expected December 2023)**
  - Thesis: "Essay on the Health Economics of Female Genital Mutilation"
  - Established causal inference using advanced methodologies such as Difference-in-Difference, and Instrumental Variable, on a large sample of data sets with R and Stata

- **M.S., Mathematics, Economics & Statistics, African School of Economics (July 2017)**
  - Thesis: "Does Health Insurance Matter for Aggregate Labor Supply: Comparative Analysis on Policy Change"
  - Collected and cleaned survey data using SPSS and Stata on questions such as health expenditures, youth employment

- **B.S., Statistics and Planning, ENEAM (December 2014)**
  - Completed coursework in statistical methods, Linear Algebra, Theory of Economics, and Econometrics
  - Collaborated on different research proposals providing insight on the methodology, and data books
  - Supported students through one-on-one tutoring in Algebra, Calculus, Physics and Chemistry

WORK EXPERIENCE

Andrew Young School of Policy Studies, Georgia State University

A research department that provides an evidence-based, data-driven approach to generate new thinking and revealing insights into global policy issues

Research Assistant   September 2018 – Present

- Worked closely with an Associate Professor to design grant proposals for projects identifying causal inference evidence
- Used R to perform data analysis on a sample of more than 1,000,000 observations, created visualizations, and communicated the evidence to a panel of World Bank researchers
- Reviewed the latest evidence used in designing health evidence from the current literature
- Taught different Applied Econometrics and Statistics concepts to 50+ students in the master's program

Key Achievements

- Independently designed a proposal on the Health Consequences of Drought using a Difference-in-Difference method
- Quickly picked up new data analytics skills (R and Stata) to manipulate data and complete analysis within three weeks

Institute for Empirical Research in Political Economy (IERPE)

A firm that provides consultants on Education, Financial Inclusion, History, Public Health, Security, Agricultural Policies, and Electoral Behavior questions.

Research Assistant   January 2015 – July 2018

- Designed survey questionnaires in Survey Solutions for an ex-post evaluation of a project.
- Built data entry application and data entry using CSPRo
- Led the training of 100+ enumerators, coordinated and monitored fieldwork for data collection for 10 enumerators
- Supervised questionnaire assignments, tasks organizer, and data quality control.
- Performed data management, cleaning, and documented possible irregularities in the data using Stata and R

* President of the Planning and Statistics Students Association

English (Advanced)
French (Native)

Key Achievements
- Completed a massive Randomized Control Trial project for the World Bank.
- Implemented an Instrumental Variable approach to solve an endogeneity problem in a study with 500,000 observations

NSIA Vie Assurances

An insurance company specializes in the sale of savings and pension products adapted to the need of the population and at the service of policymakers

Data Analyst   2015

* Restructured large insurance datasets from different sources and created standardized platforms for the information collection
* Managed, monitored and advised on insurance claims using background data

Key Achievements

- Successfully observed trends, patterns, and consumer behaviors, which helped the agency save a bunch on the budget.

SELECTED PRESENTATIONS

* "Does Health Insurance Matter for Aggregate Labor Supply: Comparative Analysis on Policy Change" Africa Meeting of the Econometric Society, African School of Economics (2018)
* "Public health insurance availability and informal economy" Summer Institute for Economic Research, African School of Economics (2017)