

## EXPERIENCE

### **University of Canterbury, Christchurch**

*Data Analyst and Research Assistant*, January 2015 to Present

- Designed and implemented research plans in analysing China's trade growth and OECD's financial development
- Built two theoretical models (micro and macro-economic) for modelling and analysing health spending in selected OECD and Africa countries
- Developed an algorithm to simulate dataset, and perform 10,000 replications to determine the most efficient econometric methods for generating insights
- Streamed, stored, filtered, analysed and generated insights from real-time tweets data (over 450 GB) using Apache Sparks and machine learning algorithms to conduct sentiment analysis
- Created an algorithm for classifying streamed tweets into 7 unique classes in Scala and processed the ingested data in Gephi for network visualisation and community detection
- Built robust estimation and visualisation systems for modelling different type of data
- Created over 5 analytical reports using outcomes from queried dataset
- Replicated high impact studies and re-validated insights using appropriate analytical tools

### **Fox Autos (NZ), Christchurch** | [www.foxautos.co.nz](http://www.foxautos.co.nz)

*Business Manager and Analyst*, January 2017 to Present

- Designed and implemented website; created digital marketing strategies and campaigns via Facebook and TradeMe
- Generated analytics records through SQL databases to effectively select and buy cars from Japan auctions at the most affordable rates
- Managed clients' accounts in South Island and double sales demographic
- Developed partnership and secure new opportunities with suppliers in Japan and Europe

### **Wolfgang NZ Ltd, Christchurch** | [www.wolfgangnz.co.nz](http://www.wolfgangnz.co.nz)

*Business Development Manager*, November 2016 to Present

- Researched, developed and set-up new business lines to increase revenue by over 15%
- Redesigned website and managed social accounts for improved traffic, branding, and productivity
- Wrote bi-monthly KPI's reports; created web contents; and provided technical assistance to team
- Analysed log data generated from the website servers for security analytics insights

*Team Leader and Event Crowd Controller*, August 2014 to Present

- Coordinated and monitored events for 100% compliance with city council liquor acts
- Delegated task and supervised event operations to increase team productivity

### **Globafrique Consulting Inc., Nigeria**

*Associate Consultant and Analyst*, June 2011 to May 2014

- Advised stakeholders on planning, strategy design and business process development
- Conducted independent policy research and presented reports to business partners and clients
- Managed clients projects in the areas of data analytics and business intelligence services
- Trained colleagues in Excel and other analytical tools to increase team efficiency
- Created and marketed advanced Excel formulas and data analysis sheets

**Olabisi Onabanjo University**, Economics Department, Nigeria

*Assistant Lecturer*, March to July 2014

- Provided technical supports in setting-up an Econometric laboratory within 2 months
- Trained over 135 students in the use of data analysis packages for making economic and business decisions

## PROJECTS

**International Initiative for Impact Evaluation (3ie)**, Washington DC, USA | [www.bit.ly/rep3ie](http://www.bit.ly/rep3ie)  
Funded by Bill and Melinda Gates Foundation (USA)

*Replication and Data Analytics Consultant*, January to December 2017

- Managed \$40,000 to re-verify and validate evidence based research outcomes on the use of biometrically authenticated payment system by 19 million residents in India

**National Youth Service Corps**, Nigeria | [www.bit.ly/2ouY5Zi](http://www.bit.ly/2ouY5Zi)

*Project Supervisor and Corp Member*, July 2010 to June 2011

- Planned, executed and managed “Toilet for the Poor” project at Ilorin local council
- Mobilised young aged residents for rehabilitation and maintenance of public properties

## SKILLS

**Tool:** Excel, SPSS, Tableau, E-Views, WordPress, Google Analytics, Anaconda, Facebook Ad Manager

**Technical:** SQL, Apache Spark (Cloud Computing, Streaming, and Machine Learning), Python, AWS S3, SAS, R, Stata, GAUSS

## EDUCATION

**University of Canterbury**, Christchurch | July 2014 to June 2017

- PhD in Applied Econometrics
- Minor: Big data analytics and macroeconomics
- Recipient of research scholarship and grants (2015 to 2017)

**University of Lagos**, Nigeria | August 2011 to April 2013

- M.Sc in Economics | Grade: Second Class Honours Division A | Best Research Project 2013
- Minor: Applied economics and project management

**Olabisi Onabanjo University**, Nigeria | June 2005 to April 2009

- B.Sc in Economics | Grade: Second Class Honours Division A | Best Research Student 2009
- Minor: Econometrics and microeconomics

## CERTIFICATION

**University of California**, Berkeley, USA (edX Verified) | December 2016

*Certificate for distributed machine learning with Apache Spark*

**University of California**, Berkeley, USA (edX Verified) June 2016

*Certificate for introduction to Apache Spark*

## PUBLICATION

Over 20+ published articles listed on Google Scholar | [www.bit.ly/akin-papers](http://www.bit.ly/akin-papers)

## PORTFOLIO

On request (*Login details can be provided to view some of my past projects on Spark community cloud*)

## INTEREST

Jiu-jitsu: Engage in traditional Japanese martial art for self-defence and meditation

## REFEREES

On request