

## EXPERIENCE

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

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

- Replicated and re-validated actionable insights using appropriate and advanced statistical methods for discovering patterns in data
- Performed ETL operations on real-time streamed tweets data using Apache Spark
- Implemented supervised and unsupervised machine learning algorithms for optimising business and marketing processes
- 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
- Develop, train, visualise, and implement different near real-time data pipeline using open source tools such as Hadoop (and other components), Apache Spark (Cloud Computing, Streaming, and Machine Learning), Kafka, Elasticsearch, Logstash, Kibana, TensorFlow (for deep learning), Tableau, and Microsoft Power BI

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

*Business Intelligence Analyst*, January 2017 to Present

- Designed and optimised car inventory website for high traffic and conversion; created digital marketing strategies and campaigns via Google Adwords, Facebook and TradeMe
- Created sales analytics from Japan auctions databases using MySQL to effectively select and buy cars at the most affordable rates
- Managed clients' accounts in South Island and doubled sales using targeted marketing
- Developed partnership and secure new opportunities with suppliers in Japan and Europe
- Created dashboards, interactive visualisation and monitoring system from queried database

### **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
- Redesigned website and managed social accounts for improved SEO, web traffic, digital branding, and productivity
- Wrote bi-monthly KPI's reports; created web contents; and provided technical assistance
- Analysed web server log data using Elastic stack through ETL operations for actionable security analytics and insights
- Implementation of business intelligence solutions to improve business process

*Event Team Leader*, August 2014 to July 2017

- 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

- Conducted independent policy research and presented reports to business partners and clients
- Day to day mentoring and management of clients projects in the areas of data analytics and business intelligence services
- Created advanced Excel formulas and data analysis sheets as business solution tools.

## PROJECT

**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 2017 to Present

- Managing \$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

## TECHNICAL SKILLS

- **Business Intelligence Tools** : - Share Point, Microsoft Word, Excel, Access, Power BI, Tableau, SPSS, E-Views, WordPress, Google Analytics, and Facebook Ad Manager
- **Big Data Technologies** :- Hadoop, Spark, HDFS, Map Reduce, Pig, Hive, HBase, Oozie, Flume, Kafka, Sqoop, Flink, Storm, SQL, Elastic Search, Kibana, Logstash, Anaconda, Python, Scala, TensorFlow, Zeppelin, Jupyter, R, Stata, and GAUSS
- **Cloud Based Solutions** :- Block Storage, Computing, Cluster Management and Other Amazon Web Services
- **Data Modelling and Machine Learning** :- Text and Non-text data, Supervised and Unsupervised Machine Learning, and Deep Learning.
- **Research** :- Business, Digital Marketing, Econometrics, Replication and Applied Economics
- **Domains** :- Retail, Social Media, Economy, Education, IT, Banking, Health, eCommerce, Telecommunication and other service sectors.

## EDUCATION

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

- PhD in Applied Econometrics
- Minor: Big data analytics and macroeconomics

**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*

**Northwestern University**, USA (courser.org) | January 2017

*Content, Advertising, and Business of Social: Monitoring, Listening, and Marketing*

## PUBLICATION

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

## PORTFOLIO

Available on my Github page and other repositories (on request)

## INTEREST

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

## REFEREES

*On request*