

## ANDREW OGAH

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### EDUCATION & TRAINING

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Springboard, USA

04/2018

Data Science Career Track Fellowship

- **Capstone Project 1:** Classifying and predicting terrorist attacks perpetrated by domestic or foreign nationals in the US using the Global Terrorism Database (GTD) maintained by the University of Maryland using the Random Forest algorithm.
- **Capstone Project 2:** Predicting what drug companies pay physicians based on over 250 million records from Centers for Medicare and Medicaid Services using a root mean square error (RMSE) comparison between Gradient Boosted Trees and Random Forest regression algorithms.
- **Relevant Coursework:** Data wrangling, Data Storytelling, Inferential Statistics, Machine Learning & Big Data.
- **Associated Skills & Tools:** Python - (Pandas, Numpy, Matplotlib, Scikit-Learn, Statmodels), SQL, PySpark and MLlib in Databricks, Ubuntu OS (Linux), Amazon AWS EC2, Google Computing Platform and Jupyter Notebook.

Harvard University Extension School, Cambridge MA

05/2018

Master of Liberal Arts in Information Management Systems & Professional Graduate Certificate in Cybersecurity

- **Final Capstone Group Project:** Using deep learning in the classification of magnetic resonance imaging (MRI) scans to enhance the efficiency and accuracy of radiologists in the medical field by about 30% YoY, thereby improving the business process.
- **Relevant Coursework:** Database Systems, Statistical Methods, Introduction to Quantitative Methods (Intro. Statistics in Economics), Java and Hadoop Distributed File System, and Website Development.

Obafemi Awolowo University, Nigeria

12/2007

Bachelor of Science in Electronics, Electrical Engineering

### INDEPENDENT PROJECTS

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- Using text mining and Natural Language Processing (NLP) to predict what should be paid out to a job applicant based on information in a job posting on the Internet and available industry data (In progress).
- Sentiment analysis using social media mining on Twitter with Python on post-match thoughts of English Premier League games. (In progress).

### WORK EXPERIENCE

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Spectrum

Columbus, OH

04/2011 – To present

Technical Analyst.

- Acted as a top-level solution advisor to clients in creating value for products and meeting expected SLA, and as a backend technical support to field technicians in Installing, configuring and maintaining all products and network technologies
- Conducting trend and root-cause analysis with a focus on proactive identification of events that threaten clients' services, network availability, and performance, and efficiently communicating such for resolution.
- Assisting with analysis and assessment of the impact of low to medium risk changes to the company network