

ANDREW OGAH

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EDUCATION & TRAINING

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. **Relevant skills & tools:** Python - (Pandas, Numpy, Matplotlib, Scikit-Learn, Statmodels, and Scipy), Jupyter Notebook and data science life cycle process
- **Capstone Project 2:** Predicting what a physician should be paid based on over 250 million dataset records from Centers for Medicare and Medicaid Services and the US Food and Drug Administration using a mean square error (MSE) comparison between Gradient Boosted Trees and Random Forest regression analysis. **Relevant skills & tools:** PySpark, Databricks, Amazon AWS EC2, Google Computing Platform, Jupyter Notebook, and SQL
- **Relevant Coursework:** Data wrangling, Data Storytelling, Inferential Statistics, Machine Learning & Big Data.

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

- 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 obtainable industry data (In progress).
- Sentiment analysis using social media mining on Twitter with Python on any interesting issues in either sports or the news (In progress).

WORK EXPERIENCE

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 effectively communicating such for resolution.
- Assisting with analysis and assessment of the impact of low to medium risk changes to the company network