Abimbola Ayeni

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# Profile

Highly driven, motivated, and analytical data professional. Current participant in Tech Talent Academy’s Data Academy programme learning Python fundamentals, including key data science libraries such as NumPy, Pandas, SciKit, and Tensorflow. In addition to this I am gaining a solid grounding in machine learning algorithms, relational database management (SQL), data visualization/business intelligence packages such as PowerBI, and R programming language. I am a keen and adaptable worker looking for entry level data science positions that will utilise this skillset.

# Education

**PhD** University of Nottingham 2021

Engineering Surveying and Space Geodesy

**MPhil** University of Lagos, 2008

Surveying and Geoinformatics

**BSC** University of Lagos 2000 Surveying and Geoinformatics (Achieved 2:1)

**OND** Yaba College of Technology 1996

Land Surveying (Upper Credit)

**SSCE** Maths (B3), Phy (C6), Chem (B3), Govt. (B3), BK. Keeping (C5), Commerce (B3) 1994

# Training

**Internship TechTalent Academy, Data Science Nov 2021 till date**

An intensive 14-week course, focused on the fundamentals of data science delivered through a combination of interactive group learning and home learning tasks. During the course I built strong skills in the manipulation of data using NumPy and Pandas whilst being able to visualise the data using Python libraries including matplotlib, Altair and other software packages such as Power BI.

# Skills

**Organisation & Planning**

* Developed ability to multi-task and prioritise workload, finishing each one of my course assignments in advance of the deadline throughout my degree whilst also working part-time.
* Organised a successful departmental end of the year student party.
* Organised a successful national conference for Nigeria Association of Geodesy (NAG)

**Critical Thinking:**

* Acquired experience in collecting and analysing data for my quantitative and qualitative research
* Carried out detailed research on datum transformation in University of Nottingham, UK.
* Analysed the data obtained from the investigation of datum transformation.

**Communication & Presentation**:

* Done a lot of work in deriving, evaluating and interpreting useful information from piles of data and present my findings in forms of graphs, charts and maps.
* Tangible and effective decisions are then made from the insightful trend observed from the presentations and offer reports to the appropriate stakeholders, ensuring accuracy and timeliness.

**Teamwork**:

* Worked in an academic group work collaborating and contributing to achieve a common objective
* Worked as a treasurer for the departmental student’s association, within the team of which I was responsible for financial record keeping.
* Alumni, Young Entrepreneurs Scheme (YES)–Team 49, organised by the University of Nottingham, 2008.

**Leadership**:

* As the assistant secretary of Nigerian Union of Planetary and Radio Sciences (NUPRS), I was responsible for scheduling meetings, creating agendas, record and distribute minutes of meeting to exco members.

**Commercial Awareness**

* I take an active interest in reading business pages of newspaper and I enjoy listening to business news and keeping an eye on the stock markets.

# Work Experience

**Researcher, University of Nottingham 2016 - 2021**

* Analysing data using Microsoft Excel and Access.
* Extracting data using SQL.
* Predictive analysis of geospatial data using Fortran and Matlab.
* Analysing large data set using SPSS and StartView
* Data visualization and analysis using AutoCAD, MapInfo, ArcGIS, SURFER and ILWIS
* Performing qualitative and quantitative analysis.
* Creating reports with Microsoft Word and PowerPoint.
* Presentation of research findings using PowerPoint.

# Continuous Professional Development

* Apr 2020: Microsoft Word: Creating and Managing Long Documents
* Mar 2020: Microsoft Excel:  Simple Calculations
* Apr 2018: Customer Service Excellence
* Mar 2018: Introduction to qualitative research
* Mar 2018: Presentation Skills: Practicing and Reviewing
* Feb 2018: Taking a stand: how to command an audience and deliver effective presentations
* Jan 2018: The Tools of Problem Solving
* Oct 2017: Presentation Skills - An Introduction to Public Speaking
* Sept 2017: Microsoft Excel: Essentials
* Jul 2017: Microsoft Access: Introduction
* Aug 2017: Microsoft Access:  Advanced Queries
* Jul 2017: Introduction to Database Design
* Jul 2017: Microsoft Excel:  Creating Macros
* Jun 2017: Microsoft Excel:  More Functions
* Jun 2017: Microsoft PowerPoint: Advanced
* May 2017: Introduction to the skills of teamwork
* May 2017: Developing Yourself as a Team Leader
* Mar 2017: Lean Six Sigma Yellowbelt
* Feb 2017: Practical Project Management

# Interests & Hobbies

Reading, Meditating, Travelling and Playing Table Tennis.

# Personal Achievements

**University of Lagos, School of Postgraduate School Award, Graduate Fellowship Assistance (GFA)** with Department of Surveying & Geo-informatics, Faculty of Engineering, University of Lagos, Akoka, Yaba, Lagos. Involved in some departmental works and assignment, also in areas of teaching and research.

# References

Available upon request