

Kenechukwu Ajufo

Data Analyst

Dublin, Ireland

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Skills

Programming Languages: Python, R, LaTeX for Document Formatting (Acquired experience using these programming languages during Master's).

Machine Learning Algorithms: Linear Regression, Logistic Regression, Decision Trees, Random Forest, Naïve Bayes, Long Short-Term Memory, Convolutional Neural Network, Convolutional Recurrent Neural Network, Long Short-Term Memory (Used in Personal and Academic Projects)

Statistics: Descriptive & Inferential Statistics, Hypothesis Testing, Time Series Analysis (Utilized in Academic Projects)

Tools: SPSS (Used to perform Statistical Tests), Scikit Learn, Git & GitHub (Familiar using Git & GitHub for version control). Microsoft Excel, Keras, Tensorflow, KerasTuner, Pytorch (Deep Learning Libraries implemented in Academic projects). Salesforce, Dynamics 365 (CRM tools used in Academic projects)

Data Wrangling: NumPy, Pandas (Comfortable using NumPy and Pandas to prepare, clean and transform data for further analysis)

Data Visualization: PowerBI (Familiar), Tableau (Elementary), Matplotlib (Familiar), Seaborn (Familiar), plotly (Familiar), ggplot (Familiar)

Data Management: Microsoft SQL (2 years), MongoDB, PostgreSQL. (Familiar with querying, storing using these Database Management Tools)

Operating Systems: Windows (Intermediate), Linux (Elementary), MacOS (Elementary)

Nice To Meet You

Hi! I am a Data Analyst with 2 years professional experience working with interdisciplinary teams. Obtained academic experience building machine learning algorithms for multiple applications including Signal Processing, Education, Bank Marketing and Natural Language Processing.

Career History

Computing Lab Assistant

- Aid undergraduate, postgraduate and master's students with questions or queries they have during tutorials for the following modules - Database & Analytics Programming, Discrete Mathematics, Data Mining and Machine Learning, Data Application Development/Programming for Big Data, Business Data Analysis, Distributed Systems, Operating Systems, Data Structures & Algorithms, Software Engineering, and Data and Web Mining.
- Solve technical issues like computer software installation for students.
- Coordinate breakout rooms of 5 – 10 students during each lab tutorial.
- Review and resolve bugs in student code written in Python, R & Java.

Key Achievement

- Applied advanced knowledge obtained studying for an undergraduate and postgraduate degree to apply a transferable skill set of critical analysis, academic research, diligence, organisational workflow optimisation, knowledge articulation and proficiency in understanding fundamental technical texts and theories.

Chams Plc *Lagos, Nigeria*

Feb. 2019 – Oct. 2019

Data Analyst / Software Engineer

- Built a C# application that extracted and loaded data from Microsoft Excel files to SQL Server database to help onboard rural customers of a proprietary Loan Management Application.
- Leveraged the easy integration between MS SQL and MS PowerBI to create insightful dashboards for Senior Management.
- Wrote SQL Queries using Joins and sub queries combine tables when the business need arose.
- Worked closely with marketing, design, product, support, and software development to meet customers' needs.
- Adhered to the Software Development Lifecycle, observing the impact of existing features and anticipating future customer product need.

Key Achievement

- Navigated client interfacing issues that arose from most of the customer base lacking access to smartphone technology; architected a streamlined onboarding application portal that facilitated a convenient user experience.

Precise Financial Systems *Lagos, Nigeria*

Nov. 2017 – Oct. 2018

System Developer Intern

- Collaborated with a team of 3 developers to develop web applications for in-house and clients primarily using HTML, CSS, LESS, JavaScript, jQuery, SQL and ASP.NET Core MVC following best practices in Agile and QA.
- Worked in a team that enhanced and maintained codebase (HTML, CSS, and JavaScript) of proprietary web application for accounts reconciliation
- Implemented LESS and split CSS stylesheet based on media queries decreasing page load time by 20%

Key Achievement

- Functioned as a vital component in daily stand-up meetings to report the results of potential coding bugs investigations and resolutions.

Education

National College of Ireland *Dublin, Ireland*

Master of Science, Data Analytics, Second Class Upper Division

April 2021

Babcock University *Ogun State, Nigeria*

Bachelor of Science, Computer Science

June 2017

Personal Interests

Personal Development: Listen to The TWIML AI (This Week in Machine Learning & Artificial Intelligence)

Podcast to stay updated with advancements in Machine Learning.

Movies: Big Marvel Cinematic Universe buff. Love Sci-Fi and Comedy Movies and TV Shows.