

# Jide Faleye

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## SUMMARY

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A Data Scientist with experience in web development, data engineering, and adept in developing and deploying end to end data and ML based solution. Further with my background in Engineering, I always utilise a technical and innovative approach to problem-solving. Eager to leverage my skills in a new environment.

## SKILLS AND TOOLS

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**Programming Language / Frameworks:** Python, R, SQL, Django, FastAPI, Flask  
**Machine Learning (ML):** Regression, Classification, Clustering, Boosting, NLP, Image Classification, Video Classification, ANN, CNN, LSTM, TensorFlow, Keras  
**Databases:** MySQL, PostgreSQL, MongoDB  
**Big Data:** Apache Spark, Hadoop (Basics)  
**Cloud:** Microsoft Azure, Azure key vaults, AWS (S3, Lambda, RDS)  
**Devops:** GitHub, Docker, Kubernetes, Git  
**Visualisation and Reporting:** Tableau, Jupyter Notebooks

## WORK EXPERIENCE

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<b>Data Scientist, Mott MacDonald</b>	<b>May 2022 – present</b>
<ul style="list-style-type: none"><li>• Performed extensive data analysis to derive actionable insights about the weakness and strengths on employee's data using Python</li><li>• Develop an automated workflow using Python that aid in the process of uploading data to Microsoft Azure</li><li>• Assisting in automating tasks workflow using Python to improve work efficiency and productivity.</li><li>• Collaborating with other data scientists in data gathering process for delivering technical deep learning solution.</li></ul>	

<b>Data Scientist</b>	<b>Sep 2020 – May 2022</b>
<b>Completed Projects</b> <ul style="list-style-type: none"><li>• Developed and deployed a deep learning model that determined stock price movement in a web application using Streamlit (Python framework)</li><li>• Built an ETL script that ingested unstructured data from web applications/websites and stored to a structured format using Python.</li><li>• Created a CNN-based algorithm to classify medical images using TensorFlow, Keras, and Python</li><li>• Built an XGBoost algorithm that predicted customers that are delinquent in mortgages given their data.</li></ul>	

<b>Data Analyst, CCECC</b>	<b>Apr 2018 – Aug 2019</b>
<ul style="list-style-type: none"><li>• Participated in collecting, organizing, and interpreting data along with fellow colleagues.</li><li>• Analysed complex data sets and created presentations that used data to generate actionable intelligence</li><li>• Converted raw data into a flat data file using Python, loaded file into Postgres, designed an interactive visualization.</li><li>• Developing and maintaining databases, data systems – reorganizing data in a readable format.</li></ul>	

## EDUCATION

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<b>MSc. Computer Science</b> , University of East London	<b>Jan 2021 - May 2022</b>
<b>MSc. Data Science</b> , University of East London	<b>Sep 2019 - Sep 2020</b>
<b>BSc. Surveying and Geoinformatics Engineering</b> , University of Lagos	<b>Sep 2012 – Oct 2017</b>

## CERTIFICATIONS

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- Algorithmic Trading with Python
- Data Structures and Algorithm in Python – Udemy – Fundamental of algorithms and Data structure
- Critical Thinking – LinkedIn – Breaking down complicated issues into smaller components