

Contact

Sunderland, England.
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Top Skills

Solution Architecture

Large Language Models (LLM)

Large Language Model Operations (LLMOps)

Languages

English (Native or Bilingual)

German (Limited Working)

Certifications

Neural Networks and Deep Learning

AWS Machine Learning Foundations

Getting Started with AWS Machine Learning

Sequences, Time Series and Prediction

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Chukwudi Ajoku

Software Engineer (AI) at Sedna
Sunderland, England, United Kingdom

Summary

I am a Machine Learning Engineer who enjoys connecting the dots: be it ideas from different disciplines, people from different teams, or applications from different industries. I have strong technical skills and an academic background in computer engineering, statistics, and machine learning.

My passion lies in solving business problems with tailored data and algorithms and communicating complex ideas to non-technical stakeholders. I am able to jump across verticals to deliver high-performing AI end-to-end solutions using state-of-the-art technologies like AWS Cloud, Microsoft Azure and GCP.

Proficient: R, Python (scikit-learn, NumPy, SciPy, pandas), TensorFlow, Keras, Pytorch, NLP (Natural Language Processing), Excel, Git.

Knowledgeable: Java, DAX, Power Query, LaTeX AutoML,

Experience

Sedna

Software Engineer (AI)

February 2025 - Present (1 year 2 months)

Middlesbrough, England, United Kingdom

Automating the maritime global trade using machine learning and AI

Seer BI

2 years 5 months

Senior Machine Learning Engineer

August 2023 - March 2025 (1 year 8 months)

Middlesbrough, England, United Kingdom

Building and deploying highly scalable and efficient machine learning solutions to the Cloud using continuous integration and continuous deployment (CI/CD). Specialising in developing cutting-edge models, optimizing algorithms,

and integrating advanced technologies to drive innovation in the field of machine learning. Demonstrated expertise in designing robust, end-to-end ML pipelines that seamlessly integrate with cloud-based infrastructure. Passionate about leveraging data-driven insights to solve complex problems and deliver impactful results.

Machine Learning Engineer

November 2022 - November 2023 (1 year 1 month)

Middlesbrough, England, United Kingdom

Teesside University

2 years 5 months

Part-time Lecturer (Machine Learning)

January 2022 - July 2023 (1 year 7 months)

Middlesbrough, England, United Kingdom

Machine Learning.

Graduate Researcher & Machine Learning Lab Assistant

March 2021 - February 2022 (1 year)

Middlesbrough, England, United Kingdom

Student Ambassador supporting the digital skills for growth (Funded by the European Union Social Fund).

Taught Machine Learning module called "(CIS1044-N-HI1-2020) How Machine Learning can Transform your Company/Business".

Fitness2000

Data Scientist

April 2021 - November 2021 (8 months)

Sunderland, England, United Kingdom

Developed and deployed an Image recognition deep learning model for identification of different gym equipment and providing useful instructions about their use and safety.

Mikevicone Innovation

3 years 8 months

Machine Learning Engineer

February 2018 - August 2020 (2 years 7 months)

Ibadan, Oyo, Nigeria

Promotion: Became a full-time staff and made more impactful contributions to the organisation and clients.

Data Science Intern

January 2017 - February 2018 (1 year 2 months)

Ibadan, Oyo, Nigeria

Built statistical models and completed various analytic projects for a variety of applications including credit risk, and fraud.

Support internal development projects as well as client-sponsored projects.

Interpreted business plays and recommend (and executed) an analytic plan to the supervisor and/or client.

Followed modelling best practices and provide feedback on ways to enhance current practices

Provided technical support and was a resource to internal and external modellers.

Conducted analysis and performance reports in support of existing and new customer sales

Summarised and communicated conclusions and solutions to analytic and non-analytic stakeholders.

Researched best practices and new technologies.

Education

Teesside University

M.Sc., Applied Artificial Intelligence · (2020 - 2022)

Federal University of Technology Owerri Nigeria

B.Eng, Electronic and Computer Engineering · (2012 - 2017)