

Alnafis Chowdhury

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EDUCATION

Master of Science (MSc) in Big Data Science, 2022 – 2024 | London, UK
Queen Mary, University of London - Merit

Bachelor of Engineering (BEng) in Software Engineering, 2019 – 2022 | London, UK
University of Westminster - 1st Class

PROFESSIONAL EXPERIENCE

Research Analyst, London South Bank University Feb 2024 – Present

- Developed ML algorithmic models for data extraction, facilitating analysis and paper publication.
- Led workshops and training sessions to upskill team members on AI-driven data analysis methodologies.
- Pioneered using AI in exploratory data analysis, uncovering hidden correlations and trends.
- Currently spearheading research on the top 100 UK organisations, analysing their contributions to climate initiatives.

IT Support Engineer, Personaa Apr 2023 – Feb 2024

- Resolved over 1,000 user tickets, demonstrating high problem-solving and technical proficiency.
- Established and sustained network devices such as routers, switches, and firewalls
- Implemented Network Administration techniques, reducing network downtime by approximately 20%.
- Created detailed documentation on troubleshooting procedures, which became a key resource for the IT department.

SKILLS

Python | JavaScript | Next.js | React.js | Tailwind CSS | SQL | GIT | Spark | Tableau | Java

PROJECTS

Retinopathy Diabetic Detection (Thesis), Transfer learning, Deep learning, Kaggle

- Developed a deep-learning algorithm that identifies DR, enhancing medical diagnosis
- Optimised model through hyperparameter tuning, SGD, and image augmentations for regularisation

Audio Classification Algorithm, Audio Classification Algorithm, Python

- Distinguished between indoor and outdoor audio segments
- Demonstrated expertise in audio processing and classification algorithms

Portfolio Website, React, Tailwind CSS, Next.js

- Employed Next.js for efficient server-side rendering and enhanced performance
- Leveraged motion and React to create engaging animations and interactive elements

AWARDS

Freeman, Worshipful Company of Stationers and Newspaper Makers Present | London, UK

- Appointed as the university's sole data scientist delegate for the livery company.

INTERESTS & LANGUAGES

Interests: cooking, history, volunteering, and badminton | **Languages:** French, Italian, Bengali and English