

# Alnafis Chowdhury

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## EDUCATION

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**Master of Science (MSc) in Big Data Science,**  
*Queen Mary, University of London - Merit*

2022 – 2024 | London, UK

**Bachelor of Engineering (BEng) in Software Engineering,**  
*University of Westminster - 1st Class*

2019 – 2022 | London, UK

## PROFESSIONAL EXPERIENCE

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**Research Analyst, London South Bank University**

Feb 2024 – Present

- Implemented AI techniques to streamline data processing, enhancing efficiency.
- Developed algorithmic models for data extraction, facilitating analysis and paper publication.
- Led initiatives to integrate AI into data extraction methodologies, optimising research workflows.
- Currently spearheading research on the top 100 UK organisations, analysing their contributions to climate initiatives.

**IT Support Engineer, Personaa**

Apr 2023 – Feb 2024

- Delivered technical support to end-users in person, over the phone, and via remote assistance
- Established and sustained network devices such as routers, switches, and firewalls
- Decreased system downtime and boosted user satisfaction by effectively resolving technical issues
- Architected, examined, and refined proactive measures to bolster network security, diminishing vulnerabilities and ensuring a more robust and secure infrastructure

## SKILLS

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

## PROJECTS

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**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**

- 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

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**Freeman, Worshipful Company of Stationers and Newspaper Makers**

Present | London, UK

- Awarded a bursary for demonstrating outstanding commitment to the livery company.
- Mentored students with industry knowledge and experience in their academic and career pursuits

## INTERESTS & LANGUAGES

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**Interests:** Data, Scripting, Football, Gym, Badminton | **Languages:** French, Italian, Bengali, English