

# Rohboam Amin

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## SUMMARY

Having recently graduated with a **Distinction** in MSc Computer Science from **University of East London** and currently working as a **Data Analyst** and **Freelance Software Developer**. I am actively seeking opportunities as a **Software Developer, AI Engineer** and **Data Analyst**. **I have the right to work in the UK.**

## EDUCATION

**MSc in Computer Science (Industrial Placement), Distinction** | University of East London | 2023 – 2025

- **Modules:** AI and Machine Vision (**94%**), Big Data Analytics (**91%**), Advanced Software Engineering (**91%**)
- **Dissertation:** Real Time Forecasting of Bitcoin Price through Financial News Analysis (**Distinction**)

**BSc in Computer Science, 1st** | National University of Computer and Emerging Sciences | 2018 - 2022

- **Modules:** Advanced Programming, Parallel and Distributed Computing, Artificial Intelligence
- Awarded **Two Silver Medals** and multiple **Dean's Honor List** awards for academic excellence

## WORK EXPERIENCE

**Data Analyst** | University of East London | February 2024 - Present | London, UK

- Implemented ML algorithms to automate data cleansing and preprocessing, reducing manual effort by **30%** in multiple projects.
- Utilized **statistical methods and data visualization** tools to effectively communicate key findings to stakeholders.
- Developed and deployed a machine learning model using Python and scikit-learn that increased predictive accuracy by **25%**.

**AWS & DevOps Engineer** | Systems Limited | August 2022 - December 2022 | Islamabad, Pakistan

- Implemented cloud infrastructure using AWS services, enhancing system performance by **25%**.
- Trained team members on **AWS and DevOps** best practices, increasing overall team productivity by **35%**.
- Conducted **security assessments and implemented best practices**, achieving compliance with industry standards.

**Freelance Software Developer** | Self Employed | December 2022 - Present | Remote

- Compiled large- and small-scale software solutions incorporating **Python, Databases and ML**.
- Provided smart software solutions to increase efficiency of businesses by **30%**.
- Automated normal workflows reducing redundant tasks by **20%**.

## EXTRACURRICULAR ACTIVITIES

- **Hourly Paid Lecturer** - taking on **Big Data** and **ML** courses for graduate and undergraduate students.
- **Research Assistant** - working on data centric projects for analyzing **psychological wellbeing** of women in the UK workforce and with **NHS** to reduce unplanned admissions.
- **Mathematics Teacher** - teaching mathematics to **GCSE and Secondary** Level students.

## LANGUAGES AND SKILLS

- **Languages:** English (Advanced proficiency)
- **Programming:** Python, C/C++, Java, C#, JavaScript, Swift
- **Analytics:** SQL, MongoDB, Excel, Power BI, SITS
- **Additional Tools:** Hadoop, Docker, Odoo, Jenkins, AWS, Apache Spark, Unix System