

Mus-ab Umama

Data Science Intern

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📍 Colombo, Sri Lanka

in <https://www.linkedin.com/in/mus-ab-umama/>

🐙 <https://github.com/MusabUmama>

Profile

Data science and AI undergraduate with a strong foundation in computer science, machine learning, and statistics. Experienced in using Python, R, and SQL to collect, clean, analyze, and visualize data. Proficient in using machine learning algorithms to solve real-world problems, as demonstrated by the development of a fruit quality detection system and other projects. Excellent communicator and presenter, with experience working independently and as part of a team. Quick learner, with a passion for solving complex problems. Looking for an opportunity that will help me become a resourceful and successful professional.

Education

BSc (Hons) Artificial Intelligence And Data Science, Robert Gordon University

January 2022 – present

Relevant Modules

- Machine Learning
- Artificial Intelligence
- Data Structures & Algorithms for AI
- Programming Fundamentals (Python & Java)
- Simulation & Modeling techniques
- Advanced Mathematics for Data Science
- Data Engineering
- Object Oriented Development
- Database Systems

Foundation Certificate in Higher Education, Informatics Institute of Technology

May 2021 – December 2021 | Sri Lanka

G.C.E. Ordinary Level, Sulaimaniya College
2020 | Kannattota, Sri Lanka

General Skills

- Machine Learning
- Deep Learning
- Statistics
- Data Engineering
- Data Analysis
- Object Oriented Programming
- Database Management
- Project Management
- Problem Solving

Technical Skills

Programming Languages:

Python, Java, R Programming, HTML, JavaScript, CSS

Database Managment:

My SQL, SQL Server

Big Data Technologies:

Hadoop, Spark

Other Tools/Software:

GitHub, AWS Services, Matplotlib, Scikit-learn, PyTorch, Pandas, NumPy, Microsoft Power BI

Projects

British Airways Data Science Job Simulation

- Scrapped and analyzed customer review data to uncover findings.
- Built a predictive model to understand factors that influence buying behavior.

Skills: EDA, Machine learning, Python, Web scrapping, scikit-learn

Cognizant Artificial Intelligence Job Simulation

- Conducted an exploratory data analysis on the sales data of a client.
- Utilized data modeling to devise a solution to predict stock levels.
- Developed and analyzed a machine-learning model to forecast stock levels.
- Performed quality assurance to enhance the model.

Skills: EDA, Machine learning, Python, Quality assurance, scikit-learn, Data modeling.

Certificates & Courses

- British Airways Data Science Job Simulation (Forage)
- Cognizant Artificial Intelligence Virtual Job Simulation (Forage)
- Statistics for Business Analytics and Data Science A-Z™ (Udemy)
- Beginner Statistics for Data Analytics - Learn the Easy Way! (Udemy)
- Deep Learning: Getting Started (LinkedIn)
- Neural Networks and Convolutional Neural Networks Essential Training (LinkedIn)
- Reinforcement Learning Foundations (LinkedIn)
- Hands-On Natural Language Processing (LinkedIn)
- Power BI: Dashboards for Beginners (LinkedIn)

Achievements

Passed GCE Ordinary Level Exam with 9As

Passed the Foundation Certificate in Higher Education with Distinction.

Languages

- English
- Tamil
- Sinhala
- Hindi

Tesla stock price prediction model

Developed a linear regression model to predict the future stock price of Tesla using the historical stock price data of 8 months. Achieved an accuracy of 95%.

Skills: *Python, Machine learning, Linear regression, Scikit-learn.*

'Fruitora' fruit quality detection system

Collaborated with a team of 4 members to develop a web application to detect the quality of fruits based on images using machine learning and deep learning techniques.

Skills: *Machine learning, Deep learning, Python, Scikit-learn, Keras*

Spam email classification model

Developed a machine learning model to detect spam emails in a dataset of 4500+ emails; achieved an accuracy rate of 92%.

Skills: *Machine learning, Python, Scikit-learn*

Car dealership management system

Developed a car dealership management system using Python & Java. Used SQL in creating and managing the databases.

Skills: *Python, Java, MySQL, OOP*

"MyHealth.com" healthcare website

Developed a healthcare website using HTML, JavaScript, and CSS.

Skills: *HTML, JavaScript, CSS.*

Extra Curriculum

Prefect - Sulaimaniya College, Kannattota.

Football Team Captain - Sulaimaniya College, Kannattota.

Member - Rotaract Club of IIT.

References

Mr. Prashan Rathnayaka,

Lecturer in Mathematics & Statistics,

School of Computing, Informatics Institute of Technology (IIT)

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Mr. Ameer Mohamed Rajah,

Educator, Instructional Technologist,,

Information technology and Distance Learning Hub, Education Development Center

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