

Mohsin Mohammed

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SUMMARY

Bachelor of Artificial Intelligence student with experience in data analytics, and a strong emphasis on data science and machine learning. Dedicated to leveraging my skills to develop and deploy innovative solutions that address complex challenges in various industries.

SKILLS

Communication & Analytical

Presentation Skills, Empathy, Team Building, Effective Communication, Active Listening, Approachable, Positive Attitude, Problem Solving, Critical Thinking, Statistical Analysis

Programming Languages

Python, R, SQL, JavaScript, HTML/CSS

Certifications

AWS Certified Cloud Practitioner

Softwares

Power BI, MS Office, Excel, MS Access

Frameworks & Libraries

TensorFlow, Keras, PyTorch, OpenCV, Scikit-learn, Matplotlib, Seaborn, Pandas, Numpy, XGBoost, Flask, FastAPI, Hugging Face, NLTK, Gensim, fastText, Streamlit, Langchain, FAISS

PROJECTS

Neural Style Transfer

10.2024

https://github.com/mohmeez/Style_Transfer

Python, Pytorch, VGG19, Torchvision, Neural Networks, Computer Vision, Streamlit

Developed a deep learning model in PyTorch that applies the artistic features of a style image to the structure of a content image. Used CNNs to extract and merge content and style features, creating a new image that blends the two pictures seamlessly.

LLM Q&A System for Durham College FAQs

02.2024

<https://github.com/mohmeez/LLM-end-to-end>

Langchain, Google Palm, Large Language Models, Huggingface's Instructor Embeddings, FAISS, Streamlit

Developed an end-to-end question-and-answer system enabling users to ask questions in plain language about Durham College. The system processes these questions and returns the most relevant answer from the school's database.

EDUCATION

Durham College | Honours Bachelor of Artificial Intelligence

Oshawa, ON | 09.2021 – 04.2025

EXPERIENCE

Aviva Canada | Data Quality UA

Toronto, ON | 05.2024–Present

Feature Engineering, Data Analysis, Data Manipulation, Categorical Encoding

Achieved 90% reduction in turnaround time to underwriters through meticulous data cleaning and preparation for machine learning models in data vera, significantly boosting operational efficiency and service delivery.

The Regional Municipality of Durham | Data Analytics Intern

Whitby, ON | 05.2023 – 08.2023

Power BI, Excel, Microsoft Active Directory, Microsoft Intune, ArcGIS, DAX functions, Data Cataloguing

Leveraged data analytics, data cleaning, and interactive dashboards which helped the region enhance operational efficiency through optimized incident response times, improved monitoring of employee skill development on Pluralsight, and better support for decision-making processes.

Durham College | Peer Tutor

Oshawa | 09.2022 – 04.2023

Linear Algebra, Calculus, Discrete Mathematics

Provided individual tutoring in Statistics, Linear Algebra, and Calculus, helping students develop tailored study and learning strategies, resulting in improved academic performance, enhanced confidence in mathematical abilities, and better overall academic success.