SHANIYA HASSAN ALI
Machine Learning Enthusiast

EDUCATION

MSc in Computing Science
(Specialization - Intelligent Systems & Visual Computing)
University of Groningen | 2021
Groningen, Netherlands

B.E (Hons) in Computer Science
Birla Institute of Technology & Sciences Pilani | 2010
Dubai, UAE

All India Senior School Certificate
Indian Islahi Islamic School | 2006
Abu Dhabi, UAE

SKILLS

Data Visualization

Machine Learning

Technical Analysis

Data Science

TECH STACK

Python ●●●●●
C# .net ●●●●○○
SQL ●●●●○○
HTML/CSS ●●●●●○
Javascript ●●●●○○
Git ●●●●●○

CONTACT

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📍 Groningen, NL

ACADEMIC PROJECTS

Predicting Behavioural Patterns using GNN in Egocentric Images (Thesis Project)
- Researching different variants of Graph Neural Network
- Preprocessing egocentric datasets - cleaning, aggregation, modelling for data input
- Implement GCN and LSTM for comparison
- Top-k evaluation strategies for multi-label classification
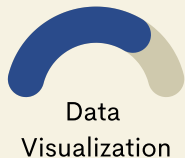- Run tests and experiments for fair comparison

Mining Self-Admitted Technical Debt in Code Review Platforms (Research Project)
- Develop research methodology
- Collection and mining of data from Github repo.
- Implement Binary and Multi-label classification using Logistic Regression, BERT, Binary Relevance, Adaptive KNN

Sentiment Analysis - Comparison of traditional method vs BERT (NLP Project)
- Research state-of-art machine learning model BERT
- Implement GloVe and BERT on IMDB reviews dataset for sentiment analysis.

WORK EXPERIENCE

Senior Technical Analyst Jun 2017 - Sep 2017
First Abu Dhabi Bank | Abu Dhabi, UAE
- Actively involved in the merger discussions of NBAD with FGB establishing First Abu Dhabi Bank (FAB) as the largest bank in the UAE with $183 billion in assets

Technical Analyst Nov 2014 - Jun 2017
National Bank of Abu Dhabi | Abu Dhabi, UAE
- Primary ownership and maintanence of in-house prepaid card system. Rewarded Seamless Government Experience @ Seamless Payments Middle East 2017

Software Developer May 2011 - Nov 2014
National Bank of Abu Dhabi | Abu Dhabi, UAE
- Research, design and implement real-time payment applications and core system modules. Fund Transfer System & Wages Protection System