

MOHAMMED ISLAM

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Education & Courses

BSc Mathematics (with Accounting and Finance) (Hons) | QMUL (1ST Class Honours) 2018 - 2021

Modules include: Numerical Computing with C++, Introduction to Machine Learning, Introduction to Python, and Statistical Methods I and II

A-level | St Bonaventure's Sixth Form College, Forest Gate 2016 -2018

A-levels: Mathematics (B), Computer Science (B), Further Mathematics (C),

Forest Gate Community School, Forest Gate 2012 -2016

11 GCSEs (A*-A) including English (AA), Mathematics (A) and Science (AAA)

Projects

Machine Learning Project (Python) Degree Project

- Designed, tested and implemented a soft voting classifier using KNN, SVM and Random Forest machine learning algorithms to effectively predict survival rate in Titanic Kaggle Dataset. **(Top 12%)**

Paper-trading Web App with Sentiment Analysis of Stocks (Python) Extracurricular Project

- Paper-trading web application with full functionality to search, buy and sell stocks whilst storing portfolio.
- Uses natural language processing to analyse web scraped financial news and twitter data to produce a report displaying the most prominent headlines and the mean sentiment of the market towards a searched stock.
- Published reports on efficacy of sentiment analysis to predict stock prices, utilising logistic regression.

Skills

- Microsoft Office Suit: Distinction* in ECDL Excel and VBA proficient
- Programming: Python Proficient in Python ~ pandas, numpy, sklearn and Django modules
- Database: SQL Proficient in MySQL, PostgreSQL,
- Web Application: HTML/CSS/JS Intermediate in HTML/CSS/JS ~ NodeJS, ReactJS
- Math: C++/R/MATLAB Proficient in R ~ Machine Learning degree project, C++ Mathematics

Extracurricular Activities

Event Manager, QM Gaming Society SEP 2021-PRESENT

President, QM Gaming Society SEP 2020-JUL 2021

- Utilise strong leadership and communication skills to organise large events catering to over 100 members.
- Collaborate and communicate with multiple different societies to successfully co-host large events together.
- Budgeting and analysing costing of current and future events to ensure commitments are always met.
- Supplying holistic reports bi-annually on society's balance sheets, cash flow and income statements.
- Collect and interpret attendee feedback to improve events, producing exceptional event turnout despite COVID-19 Restrictions (70%-member attendance).

Part-time Work

Customer Assistant, Coop SEP 2019 – FEB 2021

- Customer management and problem resolution:** working with diverse customer needs, conversing with colleagues to quickly solve problems whilst supporting a high standard of professionalism.

Sales Assistant, LDG Gym SEP 2018 – MAR 2019

- Strong sales skills:** Communicated with customers to successfully sell membership programs through warm-calling, exceeding sales target by 50% consistently.

Intern | Salesforce tower, Liverpool Street, London FEB 2017

- Prototype development using Visualforce:** Working with solution engineers to develop an app to help manage the schedule of the team at EMEA Summits. Presented application to board of EMEA sales team.