**Name: Mujtahid Khaled**

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**Education**

**Qualifications:**  
**GCSE:** English literature: 8 (A\*), English Language: 6(B), Mathematics: 8(A\*), Geography: (A), History:(A), Media studies: (B), Computer Science: (C), Religious Studies: (A), Science: (A), Additional Science:(A)

**A level:** Mathematics (A\*), Further Mathematics (A)**,** Economics (B)

Studying in Queen Mary University BSc (Econ) (Hons) Economics, Statistics and Mathematics as an undergraduate.

Modules includes

* Mathematical Methods in Economics & Business:

This involves engaging in teams to complete project exercises which involves leadership and collaboration skills. The project exercise entails mathematical applications of economic theory such as multivariable functions used to determine output of a company and working with constraints.

* Microeconomics

Involves the studying of the core fundamental theoretical concepts of consumer and producer theory where the consumer or firm is assumed to behave rationally

* Numbers sets and Functions

Involves the study of set theory and functions alongside explanation of subtle features of certain mathematical objects alongside the basics of pure mathematics and how to construct proofs

* Probability and statistics, I

Studying classical statistics which involves study of statistical methods of analysing datasets both qualitatively and quantitatively using R as programming language to visualise data, distributions and calculations, while using descriptive statistics to analyse data further.

**Other**

* Senior Mathematical Challenge 2018 Bronze Certificate (Institute and Faculty of Actuaries, UKMT)
* Attended insight day at M&G Prudential at 7th October 2019
* UG finance trading programme year 1 (Queen Mary University) is where I have interreacted with software such as Bloomberg to analyse market trends, learnt key financial terms such as derivatives and key aspects of trading. By mainly finding non random patterns on the stock markets such as inverted hammer where the market can suddenly become either bullish or bearish

**Experience**

**Library assistant (2017-2018) Chadwell Heath Community Centre(voluntary):**

* Maintaining a tidy environment and order
* Communication skills with other volunteers and members of the public in an appropriate manner
* Collaborate with other volunteers to ensure certain tasks were done
* Help with members of the public with printing and photocopying
* Help with members of public with setting up access to the computers

Reference:

Email: [marcus.ramtohul@lbbd.gov.uk](mailto:marcus.ramtohul@lbbd.gov.uk)

**Skills**

* Time management: Volunteered at the library whilst balancing my A level studies.
* Problem Solving: Engaged in problem solving outside academic achievements through use of the app named “Brilliant” alongside other applications of problem solving such as programming
* Evaluative skills:This can be demonstrated during my insight day where it involved whether each individual company was worth investing in alongside other undergraduates alongside in the principle of economics module analysing articles and writing an essay about it.
* Networking skills: Interacted with interns and employees at M&G Prudential and ask about the work environment alongside opportunities at the company specifically about programming languages used
* Leadership and collaboration skills: Demonstrated in my modules for mathematical methods of economics which involve leading a team and taking responsibility of a project exercise where I decide which solutions proposed should be submitted through taking consideration the ideas of others
* Presentation skills: Presented during Numbers, sets and functions module without requiring significant number of notes or any use of PowerPoints for reference to explain the idea of ‘inclusion-exclusion principle’ with only using whiteboard and a pen to a group of students
* Programming languages: I’m able to use programming languages to visualise, manipulate data using python or R which I have applied at my probability and statistic I module. In my spare time I have created GUI applications (Tkinter) on python. I’m also able to use MYSQL to create databases and query results.