**Phone : 07591436514 Email :** [**karishanshandrakumar@gmail.com**](mailto:karishanshandrakumar@gmail.com)

**PROFILE**

Disciplined and motivated young professional aiming to increase the skills and experience required to be successful within the computer science industry. Strong teamwork and communication skills and a natural ability to learn and apply ideas quickly. Currently studying computer science at Queen Mary’s University of London as a first year student.

**EDUCATION**

***(2015 – 2020) Alec Reed Academy (GCSE) :***

1 A\*\*, 4 A\*s, 3 A’s, 1 B

***(2020 – 2022 )St Dominic’s Sixth Form College (A Levels) :***

Maths (A\*), Computer Science (A\*), Physics (A)

***Studying Computer science BSC at Queen Mary’s University of London :***

Modules Completed : Procedural Programming, Logic and Discrete Structures, Computer Systems and Networks, Professional and Research Practice

**TECHNICAL PROJECTS**

***(2022) GUI quiz application***

* Developed a self-marking GUI quiz application in python for a tutor class where students can create quizzes for all other users to answer, shows users progress overtime using graphical methods and has a login system.
* Tackled problem with a logical documented approach using computational methods
* Used tkinter to handle GUI system and OOP to control switch in frames
* Has a sophisticated backend SQL database to store user scores, login and quizzes locally

***(2022) UCL Sutton Trust Summer school program***

* Developed an algorithm for a 4 in a row game to win against a human
* By researching the most advantageous moves to make in order to give a strategic edge, I created a bot which was very effective and challenged my problem solving abilities

**WORK EXPERIENCE**

***(2021) Software Development Company - OnePoint***

* Developed Java programs and wrote advanced SQL queries as a team to enhance teamwork skills when developing large projects
* Adapted to working virtually and communicating remotely and spoke to current employees about the workplace and environment of a company in this industry

**VOLUNTEERING**

***Ealing Amman Temple Festival***

* Help in organizing traditional annual festival for 1000s of people through creating structures which dancers dance with prior to the event; a significant amount of planning was needed
* Followed a group of dancers and provided for their needs throughout the festival and therefore required good communication with individuals

***Cake sale***

* Held a cake sale in high school to raise money for charity during a 2 day period
* Sold cakes during break times and lunch times by having a stand placed in areas where there are most students
* Placed tactical prices to sell more cakes when nearer to end of sale period showing adaptability and strategic thinking

**HOBBIES**

* Currently learning Java, Python, HTML, CSS, JavaScript and PHP
* Attend boxing classes 2x a week and regularly go to the gym 3x a week as I believe a healthy body influences a strong focused mind