Syed Muhammad Ali Murtaza Jaffery

murtaza.jaffery12@gmail.com
+852 522 77879

B-910A, 9 Lung Wah St, Hong Kong

EDUCATION

Pok Fu Lam, Hong Kong   **The University of Hong Kong**   **September 2019 – May 2023**

- Bachelor of Engineering in <u>Computer Science</u> - Full Scholarship for 4 Years -CGPA 3.97/4.30 .

Cambridge Examinations

- Straight 9 A* in Cambridge O levels.
- Straight 4A* in Cambridge A levels (Math, Physics, Chemistry and Economics).

College Board

- A full score of 2400/2400 in SAT Subject Tests (Math level II, Physics and Chemistry).

EXPERIENCE

Invincible AI Player

- Created a 3-Board Notakto Game (which is also known as an impartial variant of Tic Tac Toe) using python. Unlike Tic Tac Toe, there will always be a winner in this game.
- This also includes a designed Invincible AI Player which is almost impossible to beat.
- AI player quickly responds to every opponent move within the time frame of 0.02 seconds.

Extended Version of Tic TacToe

- A Tic Tac Toe game where users define the dimensions of the board.The dimensions range from a 3*3 to 11*11 board. This results in making this well-known game more complex and interesting.
- Used react to create a version of Tic Tac Toe which records the history of the player. At any Instance, a player can reset the game to one of his previous moves.

Open Ocean Camera

- Used React to create a fully responsive website for a HKU startup called Open Ocean Camera. Open Ocean Camera aids in marine research.
- Employed next framework to enable server side rendering.

First Code Academy (June 2020-August 2020)

Worked in First Code Academy as a STEM instructor for a span of 3 months, teaching coding to children of age 6-18 .

SKILLS AND TECHNOLOGIES

- **Core:** Python, C , C++, Java, Java Script, React, PHP, MySQL, HTML, CSS,
- **Additional:** Adobe Premiere Pro, Linux, Bootstrap,Chakra

ADDITIONAL EXPERIENCE

- Directed, Acted and Edited a common core video project on Lobbying in the United States of America.
- Initiative of cultural exchange through video interviews of International Students at Chi Sun College.
- Leadership: Chief Executive of FGS Sports Fest 2019.
- Formerly: School Head Boy, House Captain and Vice President English Society.