Ryan Patel

📞 +44 7493936314 💼 /ryanpatel21

✉ ryan.patel21@imperial.ac.uk 🔗 /ryan9771

Experience

Artificial Intelligence Product Engineer Aug 2022 - Present
Intern - at 'The Walnut.ai' - A Deep tech and Fintech company *London & Singapore*
> Constructed/completed an API involving automatic OCR processing and filtration for external organisations.
> Engaged in projects involving AI and Machine Learning.

Academic Tutor For Higher Level Mathematics 2021
Part Time Teacher *London & Singapore*
> Worked for Math Vision Enrichment Center, a well known international tutoring company.

Military Serviceman July 2019 – May 2021
Dual Vocation Infantry Serviceman *Singapore*
> Managed a team of troopers for unit operations.

Secretariat and Finance Head - Model United Nations Jan 2018 - Aug 2018
Secretariat and Finance Head *Singapore*
> Lead multiple departments to host an international Model United Nations event in Singapore.
> Handled transactions of over 300 participants and managed payments to companies.

Education

Bachelor of Engineering - Computing | Achieved a 1st last year 2021 – Present
Imperial College London *London, UK*

International Baccalaureate | Achieved: 44/45 2017 – 2019
NPS International School *Singapore*

International GCSEs | Achieved: 11A*s 2015-2017
NPS International School *Singapore*

Projects

Bot for Discord | Python, Flask, Requests, Selenium, Replit Database
> A bot to make my school discord server interactive. Included API calls to retrieve football scores, weather and song lyrics. Designed to create storable custom commands from within text channels

Multi-Mode Tic Tac Toe | React Native, JavaScript
> Multiplayer/Singleplayer tic tac toe containing an AI component that implements the minimax algorithm. Includes animations such as icon strikethrough upon win for players, and bouncing icons upon tap.

Wordle Clone | Java, JFrame, Swing
> Recreated the viral app 'Wordle' along with the respective game logic for green and orange letters.

Virtual Emulator and Assembler | C
> A group project that involved building a virtual emulator and assembler in C to handle binary and assembly instructions.

Skills

Programming: Python, Java, JavaScript, C, Kotlin, Haskell, HTML, CSS, React-Native, OpenCV, Flask, Webscraping(Requests, Selenium)

Qualities: Leadership, Communication, Organisation, Time Management and Problem Solving