IKBAAL **REHAL**

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PERSONAL PROFILE

A science and technology enthusiast looking to develop a career in the computing, information technology and engineering industries. Equipped with a breadth of knowledge pertaining to engineering, mathematics and science, including its applications with technology. A panoply of skills procured during the educational and inceptive stages of my career, e.g. inter-departmental collaborative work undergone synergistically with students from miscellaneous industries, honing adaptability. Participation in various project and laboratory work with engineering technology. A robust educational background in areas pertaining to mathematics, science, computing and technology with a vehement interest and developed ability to solve complex problems.

EXPERIENCE

AUGUST 2021 - PRESENT

High Commission of Canada | CONSULAR ADMINISTRATIVE ASSISTANT

- o   Provide administrative support for the passport management program.
- o   Data management of passport applicant information.
- o   Checking for integrity of passport details and information.

OCTOBER 2020 -

Ztech Limited | (1ST LINE SUPPORT)

- o   First line support for an IT company involved in outsourced IT work for clients.
- o   Communicating with clients and providing solutions to inquiries.
- o   Relaying information to apposite senior colleague when required.

FEBRUARY 2020 -

Infologix IT | INTERN

- o   Intern for an IT company involved in deploying and maintaining IT solutions for schools.
- o   Collaborate with colleagues to troubleshoot issues with devices and systems.
- o   Communicating with school staff members and providing solutions to inquiries.

EDUCATION

SEPTEMBER 2016 – AUGUST 2019

Electronic & Electrical Engineering | UNIVERSITY COLLEGE LONDON

STUDIED CONTENT: Analogue Electronics, Control Systems, Digital Communications, Digital Electronics, Digital Signal Processing, Electromagnetics, Machine Learning & Neural Computing, Mathematical Modelling & Analysis, Photonics, Programming & Computing.

SEPTEMPBER 2013 – AUGUST 2015

A-Level | LAMPTON SIXTH FORM, HOUNSLOW, LONDON

Mathematics (A*), Phyiscs (A*), Chemistry (A), AS-Biology (a).

NOVEMBER 2013 – APRIL 2014

Gold CREST Award | ENGINEERING EDUCATION SCHEME (THE ENGINEERING DEVELOPMENT TRUST)

6-month programme undertaken in tandem with first year of study at A-Level. Worked with a group of 2 other students under the supervision of a professional engineer developing a pertinent product.

SEPTEMPBER 2011 – AUGUST 2013

GCSE | LAMPTON SECONDARY SCHOOL, HOUNSLOW, LONDON

Mathematics (A*), English Language (A), English Literature (A*), IT (A*), Statistics (B), Chemistry (A*), Biology (A), Physics (B), Core Science (A*), History (A*), Geography (A), German (A), Religious Studies (A*).

SKILLS

Problem solving, analytical skills, implementing systematic approaches, contriving novel solutions to problems, autodidactic self-teaching/learning.

- ➢ Programming: C, (some familiarity with: C++, C# & .NET), Java (including object-oriented programming concepts), Python (including NumPy & Matplotlib), MATLAB, Javascript (Node.js, Express.js, React), MongoDB, SQL.
- ➢ Electronic circuit design (Multisim), testing and prototyping, microcontroller programming.

Subjects:

Engineering Mathematics, Computing, Programming, Object Oriented Programming, Algorithms & Data Structures, Machine Learning (elementary), familiarity with scikit-learn (elementary).

Reading technical documentation (e.g. MATLAB, Python & Java documentation explicating the use of libraries etc).

INTERESTS

- Reading textbooks on mathematics, statistics, computing & programming, science & technology.
- Writing computer programs/scripts (e.g. automating tasks/calculations, GUIs etc.).
- Audio, video and image processing using FFmpeg, GIMP and Audacity.
- Reading published research journal articles (e.g. IEEE, PubMed) regarding latest technology developments and health/fitness/nutrition respectively. (Rudimentary familiarity with fundamental physics, biology, chemistry and biochemistry concepts).
- CompTIA Security+.
- Azure and AWS cloud services.