

ABU BAKER IQBAL

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PROFESSIONAL STATEMENT

- Analytically driven and highly enthusiastic university student positioned to contribute to the rapidly expanding world of technology.
- Outstanding time-management and organizational skills perfected through the difficulties of the International Baccalaureate diploma.
- Charismatic communicator and highly adaptable to any environment due to attending an international high school with over 70+ different nationalities in Qatar.
- Strong work ethic and leadership qualities contributing to a positive and productive work environment.

EDUCATION AND QUALIFICATIONS

UNIVERSITY OF LIVERPOOL, COMPUTER SCIENCE AND ELECTRONICS ENGINEERING (BENG HONS.)

2020 - 2024

- Predicted grade: 1:1
- Current Modules:
 - Software Engineering
 - Realise the problems in designing and building significant computer systems
 - Understand the need to design systems that fully meet the requirements of the intended users including functional and non-functional elements
 - Database Development
 - Demonstrate an understanding of advanced SQL topics
 - Interpret the main concepts and security aspects in data warehousing, and the concepts of data mining and commercial considerations involved in adopting the paradigm.
 - Instrumentation and Control
 - Understand the principles of transducer operation and factors contributing to measurement error.
 - Thorough understanding of the principles of a closed loop system via system modelling, performance analysis, controller design systems and synthesis.
 - Signals and Systems
 - Introduce the fundamentals of the analysis of continuous and discrete-time signals and systems.
 - Equip mathematical tools to design and analyse a linear time-invariant system.

INTERNATIONAL SCHOOL OF LONDON, QATAR (INTERNATIONAL BACCALAUREATES DEGREE)

2008 - 2020

- **A levels Equivalent:** Business (Higher level) (A*), Physics (Higher level) (A), English Language and Literature (A), Math (Higher level) (B), Chemistry (B), French (B), Theory of Knowledge (A), Extended Essay (A)

RELEVANT EXPERIENCE

ENGINEERING CONFERENCE, TEXAS A&M (QATAR)

MARCH 2019 – MARCH 2019

- Participated in an engineering conference to gain insights on student life as an engineer.
- Worked with a team of students from across Qatar to compete for the modelling of the most efficient bridge.
- Built a model bridge while analysing cost and strength.

CODING AND ROBOTICS SOCIETY, GUILD OF STUDENTS (LIVERPOOL)

OCTOBER 2020 - PRESENT

- Actively participating in a society that provides opportunity for real-world experience and insights on how technology is shaping up the world
- Discussing international competitions to take part in such as Robomasters Robotics Competition.
- Working on coding projects and taking extra python classes to strengthen the fundamental concepts of programming.

PRIVATE TUTOR, OSTAZ BY INSPIRED (ONLINE)

SEPTEMBER 2021 - PRESENT

- Listed as a premium private tutor for the digital platform Ostaz.
- Contributing to the e-learning industry by tutoring Mathematics for students in grade 9 and below for the IB curriculum.
- Availability of 20 hours per week.

EXTRA-CURRICULARS

NATIONAL UNIVERSITY E-SPORTS LEAGUE, PLAYER

SEPTEMBER 2020 - PRESENT

- Team member in the University of Liverpool's League of Legends team.
- Ended the Spring split in 2nd position.

QATAR UNITED ENGLISH-SPEAKING SCHOOLS LEAGUE, CAPTAIN

2016-2020

- Participated in year-long tournament for my high school.
- Won multiple trophies and travelled overseas to play against other schools in the middle east.

AWARDS AND SKILLS

UNSUNG HERO AWARD (2018)

One student selected for the year group "in recognition of outstanding compassion towards peers."

SPORTS AWARD (2018)

One student selected for the year group "for having demonstrated the strongest qualities of fairness, teamwork and integrity."

IT SKILLS

Python, MATLAB, Java, SQL, Excel, Word, PowerPoint, Office

LANGUAGES

English, Hindi, Urdu

INDEPENDENT PROJECTS

PYTHON APPLICATION – WEBSITE BLOCKER

- Inspired by apple's screen time, created an application on python which blocks distracting websites.
- Application only blocks during websites during 'working hours' and not during 'free time.'
- Distracting websites include but not limited to video streaming and social media websites.

DATA SCIENCE – WATCHING THE STOCK MARKET

- Documenting the data of 5 stocks three times throughout the day.
- Performing basic data analysis and identifying trends such as minimum and maximum prices of a single stock.
- Aiming to strengthen the fundamental concepts of SQL as a data scientist.

INTERESTS

- **CHESS**
 - Critical thinking
 - Analysing skills
 - Patience
- **VIDEO GAMING AND EDITING**
 - Creativity
 - Decision-making

REFEREES

References are available upon request.