# Hussain Haider

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## PERSONAL PROFILE

Computer Science graduate with expertise in programming, data analysis, and software development. Proficient in Python, C++, Java, and Flutter for cross-platform app development. Experienced in applying machine learning and blockchain concepts through academic projects. Recognized for academic excellence with multiple scholarships and certified in project management and Python. Passionate about solving real-world problems with innovative technology solutions.

## EDUCATION

### Bachelor of Science in Computer Science
- IQRA UNIVERSITY, Islamabad Campus, Pakistan
- **CGPA 3.51/4.00**
- Awarded academic scholarships from Iqra University in multiple semesters (2019, 2020, 2022).

### Higher Secondary School Certificate, Intermediate
- **Obtained Percentage 58.18%**
- IMCB F/8-4, FBISE, Islamabad Pakistan

### Secondary School Certificate, Matriculation
- **Obtained Percentage 78.57%**
- IMCB I/8-3, FBISE, Islamabad Pakistan

## PROJECTS

- **Medicine Investigation System**
  Developed a Flutter based mobile application as final year university project for authenticating counterfeit medicine.
- **Flights Delay Data Analysis (Data Science)**
  Conducted a comprehensive data analysis on flight delays using Python and data science libraries to uncover patterns and insights
- **Hostel Database Management System**
  database management system to facilitate hosteladministration, automating tasks like room assignment, student registration, improving data accessibility and efficiency.
- **YouTube Video Downloader (Python, Tkinter)**
  Built a Python-based application allowing users to download YouTube videos in various formats, utilizing APIs and providing a simple, user-friendly interface for enhanced accessibility.
- **Student Prerequisite Subject Management System (C++ Data Structure)**
  Console-based C++ project applying data structures to manage prerequisite subjects.
- **Cryptographic Message Encode and Decode App (JAVA)**
  Developed an encryption-decryption app using Java, enabling secure message encoding and decoding for privacy protection

## LANGUAGES
- Pashto
- Urdu
- English

## TECHNICAL SKILLS
- Coding and Programming
  - Python, C++, Dart, JAVA
- Flutter Framework
- Object-Oriented Programming (OOP)
- Project Management
- Machine Learning
- Data Science
- Visual Studio Code
- Android Studio
- MS Office
  - Word, Excel, Power Point

## SOFT SKILLS
- Problem-Solving and Critical Thinking
- Team Collaboration and Communication
- Adaptability and Continuous Learning
- Time Management and Attention to Detail
- Analytical Skills and Creativity

## CERTIFICATIONS
- **Google (Coursera):** Project Management Foundations, Project Initiation
- **University of Michigan (Coursera):** Python for Everybody
- **Kaggle:** Python, Intro to Machine Learning, Pandas
- **DigiSkills:** Digital Marketing, Freelancing