

OMAR MUGHAL



CONTACT

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SKILLS

- C, C++ and C#
- Python
- HTML, CSS, JavaScript and jQuery
- Assembly Language, R Lang
- SQL, PL/SQL
- Exceptional communication and interpersonal skills

TOOLS

- Linux
- CLion, VS, VS Code
- MASM
- Proteus
- Oracle, Microsoft SSMS, MySQL, SQLite
- MS Word, Excel, Access, PowerPoint

FRAMEWORKS

- VueJS
- Bootstrap
- ReactJS
- Tailwind CSS
- Electron
- ASP.NET
- FastAPI

EDUCATION

- **A LEVELS 2018-2020**
Beaconhouse BMI Margalla Campus Islamabad
- **BACHELOR OF COMPUTER SCIENCE 2020-CURRENT**
NUCES FAST Islamabad

PROFILE

I am a motivated and meticulous Computer Science student with a solid base in programming languages and software development. Seeking a challenge in a dynamic organization to utilize my technical and professional skills and contribute to the growth of the company.

EXPERTISE

- Object Oriented Programming
- Databases
- Data Structures
- Operating Systems
- COAL
- Design and Analysis of Algorithms
- Calculus I & II
- Linear Algebra
- Numerical Computing
- Probability and Statistics
- Technical and Business Writing

EXPERIENCE

- **Internship July-Aug 2023 (Full-Stack Developer)** : NECOP (National Electronics Complex of Pakistan)
- **SAP R/3 Workshop May 2023 (Dr. Ejaz Ahmad)** : NUCES (FAST) Global Bikes IDES case study.

PROJECTS

- **Weather APP [HTML, CSS, JS]**: Developed a dynamic weather application that retrieves and displays real-time, 5-day weather forecasts for a selected city
- **Candy Crush [ASM]**: Crafted the mobile game mechanics in assembly language.
- **Hospital Database [C#, JS, SQL]**: Designed the Back-end and Front-end of a hospital database system through ASP.NET.
- **To Do List [HTML, CSS, JS]**: Constructed a functional To Do List using local storage.
- **SQL (Relational) Databases [Python]**: Created the Back-end of a User and Items database using FastAPI and ORMs utilizing Swagger UI.