

MAHAD ASHRAF

SOFTWARE ENGINEERING STUDENT

CONTACT INFO



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PROFILE

Hardworking and detail oriented 6th semester Software Engineering student at FAST NUCES, Faisalabad. Enthusiastic about solving complex problems and eager to apply strong programming and critical thinking skills to real world projects.

PROJECTS

- Arabic to Urdu Dictionary: 3 layered based. Handling complex data including roots, grammatical metadata, and usage statistics.
- Game Store Web App: SQL backend with responsive front-end (C++, SQL).
- Hit N Jump: Developed a 2D platformer game in Unity using C#.
- Mini Operating System: In Ubuntu Capable of multiprogramming with Threads
- Ping Pong Game: Two-player game using x86 Assembly and BIOS interrupts.
- Tone Based AI Humanizer: Application that takes a user's writing sample and mimics the same writing style and tone.
- Mini Instagram (DSA): Social feed simulation with vectors, linked lists and hash tables.
- Stroke Prediction App (R): Desktop app for predicting stroke risk.
- Contacts Book App: Menu-driven C++ application for contact management.
- Connect Four Game: Console-based logic game (C++).

EDUCATION

B.Sc. in Software Engineering **2023 – Present**

- Currently in 6th semester

F.Sc. (Pre-Engineering)

Punjab College, Sahiwal
2020 – 2022

Matriculation (Science Group)

The Educators School, Sahiwal
2018 – 2020

- Secured 1016 / 1100 marks (92.4%)
- Strong foundation in Mathematics, Physics, and Chemistry

SKILL

- Programming Languages: Python, C++, C#, R, Assembly, SQL
- Tools: VS Code, DosBox, Microsoft SQL Server
- Creative: Filmmaking, Videography, Video Editing
- Soft Skills: Problem solving, Critical thinking, Creative storytelling through Videography