Hajirah

0333-4384447 | hajirahrahmat16@gmail.com | linkedin.com/in/hajirah-rahmat | github.com/hajirah

EDUCATION

FAST NUCES   Lahore
Computer Science Bachelors   *June 2023 – June 2027*

Punjab College   Lahore
HSSC Pre-Engineering   *May 2021 – Feb 2023*

EXPERIENCE

Volunteer, Data Visualization Team – SOFTEC'24   March 2024
FAST NUCES, Lahore

- Volunteered as part of the Data Visualization Team for SOFTEC'24, one of Pakistan's largest tech events
- Assisted in preparing and presenting real-time visual dashboards for event tracking and analytics
- Collaborated with the tech team to ensure data accuracy and responsiveness during live displays
- Received the **Exceptional Volunteer Award** in recognition of outstanding contribution

PROJECTS

ShowSphere | *Node, React, SQL Server, Docker*   Feb 2025 – March 2025

- Built a movie ticket booking system using React (frontend) and Node.js (backend)
- Created RESTful APIs for movies, seats, and bookings
- Used SQL Server for storing movie data, users, and bookings
- Containerized the app with Docker for smooth deployment

Maze Runner | *NASM, Intel 8088 Assembly*   Oct 2024 – Nov 2024

- Developed an interactive maze game using NASM for Intel 8088
- Implemented player movement and real-time maze navigation
- Added sound effects and a special "Batman mode" for invincibility
- Introduced a countdown timer to add challenge and urgency

Chess Mastery | *C++, SFML, OOP*   April 2024 – May 2024

- Developed a 2D chess game using C++ and SFML, following standard chess rules
- Applied Object-Oriented Programming to model pieces, board, and game logic
- Implemented move validation, turn-based play, and illegal move detection
- Created an interactive GUI with SFML for piece movement and user interaction

Bejeweled Blitz Game | *C++, SFML*   Nov 2023 – Dec 2023

- Developed a Bejeweled Blitz clone using C++ and SFML
- Implemented 3-match detection and tile swapping logic
- Added scoring system with combo bonuses
- Created an interactive GUI with SFML for piece movement and user interaction

TECHNICAL SKILLS

Languages: C++, JavaScript, Assembly (x86 NASM), SQL, HTML/CSS
Frameworks & Libraries: React, Node.js, Express.js, SFML
Tools: Docker, Git, Visual Studio, VS Code, DOSBox, EMU8086
Databases: SQL Server

CERTIFICATIONS

- Neural Networks and Deep Learning – **Coursera**
- Winter School Completion – **LUMS**