Muhammad Daniyal Jawad
Lahore, Pakistan

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EDUCATION

FAST NUCES Lahore   **Lahore, Pakistan**

Bachelor of Computer Science   Expected Completion Date: June 2025

Relevant Coursework: Object Oriented Programming, Data Structures, Algorithms, Database Systems, Software Design and Analysis, Software Engineering, Parallel and Distributed Computing and Artificial Intelligence.

SKILLS SUMMARY

- **Languages:**   HTML/CSS, JavaScript, C, C++, C#, Java and Python
- **Frameworks & Tools:**   Node.js, Express.js, React.js, Pandas, Numpy, Sckit-Learn, Matplotlib
- **Databases:**   MongoDB, MySQL, MS SQL Server
- **Soft Skills:**   Teamwork, Excellent Communication, People Management

WORK EXPERIENCE

Teaching Assistant | FAST NUCES Lahore   August 2023 – June 2024

- Served as a Teaching Assistant for the Discrete Structures course in the Spring 2024 Semester and previously for the Computer Organization and Assembly Language course in the Fall 2023 Semester.
- Evaluated and graded quizzes and assignments for a total of **100 students** throughout the semesters.

Head of Game Jam Competition @ SOFTEC'24 | FAST NUCES Lahore   August 2023 – February 2024

- Organized the **1st Game Jam Competition at SOFTEC'24,** FAST NUCES Lahore's premier IT event.
- Collaborated with a Co-Head to manage the competition, overseeing **4 Deputy Heads and 15 Officers**.
- Engaged over **100 individuals** through LinkedIn for event participation and administered the Discord server to assist participants with their queries.
- Successfully managed **21 participating teams** in the competition, totaling **60 participants.**

PROJECTS

Chess Web App | [Github Link](#)

- Created a full-stack chess web application enabling real-time gameplay between two players, along with game analysis and history review features.
- Utilized the **MERN stack and WebSockets** for implementation.

Front-End Movie App | [Github Link](#)

- Built a simple front-end movie app using **HTML, CSS, JavaScript, Node.js and MongoDB.** Enabled users to look up the latest **15+ movies** showing in cinemas internationally.

Metro Management System | [Github Link](#)

- Designed a full-stack Java application for booking and paying for metro rides, enabling administration to manage routes and providing tools for overseeing both employees and customers.
- **Front-end was Java Swings with Back-end being Java with MySQL.**

Telco Customer Churn | [GitHub Link](#)

- An AI project designed to predict customer churn from a telcom company dataset of over 7000 customers, employing data analysis and machine learning techniques.
- **Leveraged Python libraries such as Numpy, Pandas, Scikit-Learn and Matplotlib**.

CERTIFICATIONS

Become a Full-Stack Developer (LinkedIn) | [CERTIFICATE](#)

- Gained comprehensive skills in both front-end and back-end technologies.
- Developed proficiency in creating responsive web application using HTML, CSS, JavaScript and popular frameworks such as React and Node.js.

Introduction to Cybersecurity (Cisco) | [CERTIFICATE](#)

- Acquired foundational knowledge in network security, threat management and data protection practices.