

AZEEM WAQAR

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Education

NUCES FAST

Bachelors in Computer Science

Islamabad, Pakistan

August 2021 – Present.

Punjab Group of Colleges (97.6%)

Intermediate in Computer Science

Sialkot, Pakistan

September 2019 – July 2021

Skills

Technical Skills: Cisco Packet Tracer, Eclipse IDE, Ubuntu, C/C++, MySQL, Proteus, DOSBox (Assembly Programming), Open CV (Image Processing), GLUT (Game Development), Python (Machine Learning Models)

Soft Skills: Leadership, Adaptability, Time management, Communication skills, Presentation skills and Project Management.

Academic Experience

Cisco Networking Simulation – NUCES FAST

November 2023

Developed a complete network including various routing schemes and restrictions and implemented it using Cisco

- *Networking:* Hands-on experience of various networking concepts in a real world-based scenario.

Techbytes – NUCES FAST

September 2023

A full stack application which allows customers and restaurants to create profiles and give and receive orders. Developed in Java

- *Development:* Developed a full stack application along with database management

Flex Management System – NUCES FAST

March 2023

A data driven app which retrieves data from SQL database and displays it on multiple interfaces based on log-in credentials.

- *Database management:* Lead a team of 3 group members to create a web application which retrieves and stores data in an SQL database.

Image Processing Project – NUCES FAST

October 2022

An application to detect and highlight presence of tumors in skin by processing images.

- *Image Processing:* Learned to manipulate images in C++.

Android Application – NUCES FAST

August 2022

An Android application to manage booking and communication between mentors and mentees

- Developed an android app in kotlin, using firebase technologies as backend. Along with agora API and Picasso Library for streamlined user experience

Multi-Threaded Neural Network – NUCES FAST

April 2022

Designed and developed a multi-threaded neural network using inter-process communication in C++.

- *Operating Systems:* Implemented various OS concepts such as pipes, forks, threads and Locks.

Extracurricular & Volunteer Experience

Speed Programming (NasCon)

May 2022

Competed in a C++ programming competition between students for all universities across Pakistan

Honors and Awards

ACADEMIC SCHOLARSHIPS

- Awarded merit-based scholarship of 25% on my college education, worth 48000 Rs 2019 – 2021

ONLINE COURSES

- Microsoft Office Specialist in Word
- Microsoft Office Specialist in PowerPoint
- Microsoft Office Specialist in Excel

March 2020

June 2020

August 2020

Interests

Ai, ML, IoT, Computer Vision, Web Development, App Development, Networking & Cyber Security.