

Hassaan Farooq

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EDUCATION

- FAST National University of Computer and Emerging Sciences** Aug 2021- June 2025
Bachelor of Science in Computer Science

PROFESSIONAL EXPERIENCE

British American Tobacco –Intern at IT Department June 2024-Aug 2024

- Collaboration and Teamwork:** Worked closely with senior engineers and cross-functional teams to support ongoing IT projects, contributing to a **30%** improvement in network efficiency.
- Project Planning and Execution:** Participated in planning and executing a major network switch replacement at the company's head office, resulting in a **50%** increase in network capacity and a **40%** boost in data transfer speeds, ensuring minimal downtime.

Fast National University-Intern at UrduX by Dr Mehreen July 2024-Aug 2024

- UX/UI Designer:** Designed a fully responsive user interface, ensuring optimal user experience across various devices. Focused on creating an intuitive and visually appealing layout to enhance user engagement.
- Collaborative Teamwork:** Participated in weekly meetings with group members, clearly communicated ideas, and efficiently delivered responses on time.
- Website Deployment:** Successfully deployed the website, ensuring smooth and error-free operation post-launch.

Fast National University–Teacher's Assistant for Computer Networks Feb 2024-June 2024

- Assisted Computer Networks instructor with class activities and student support.
- Helped in grading assignments and preparing course materials for effective learning

Fast National University– Lab Demonstrator for Computer Networks Feb 2024- June 2024

- Guiding and assisting students in applying theoretical knowledge to practical programming tasks, aiding them to a deeper understanding of Socket programming and Cisco tracer packets.
- Speedily finding and fixing problems in students' code during lab sessions, helping everyone learn better

SOCIAL WORK

Marketing Officer – Nascon 2021 Jan 2022- Jul 2022

- Promoted NASCON 2021 on social media, increasing engagement and event awareness.
- Visited multiple universities to conduct on-ground marketing and encourage participation.
- Developed and executed marketing strategies to attract attendees and sponsors.

PROJECTS

Dexter's Laboratory (FYP) - A Virtual Reality Laboratory Simulator [Unreal Engine 5, C++, Meta Quest SDK]

- A cutting-edge Virtual Reality simulator for O - Levels and Pakistan Matric chemistry students

Eventify- Event Management System [ReactJs, NodeJs, ExpressJs, MongoDB]:

- Developed a Event Management System using MERN Stack.

Job Fair Management [ReactJs, NodeJs, ExpressJs, MongoDB]:

- Developed a Job Fair Management System using MERN Stack.

Hateful Meme Detection [Python, BERT, LSTM, Resnet, CNN]:

- Designed a detection system for hateful meme detection using the Facebook dataset.

ACHIEVEMENTS AND ACTIVITIES

- On Dean's Honor list in 7th and 8th Semester
- Participated in Badminton and swimming competitions.
- AWS Cloud Data Pipeline Builder - **Amazon Web Services Training and Certification**
- AWS Cloud Web Application Builder - **Amazon Web Services Training and Certification**
- WS Cloud Foundations - **Amazon Web Services Training and Certification.**

SKILLS

C++,C, MongoDB, MERN, Python, Git, Docker, SQL, UML, Kubernetes, Metasploit, Sherlock, Software Design & Analysis, Software Testing & Debugging, Restful API