

Muhammad Tallal Eatazaz

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Education

FAST NUCES Islamabad, PK

Bachelor of Science in Computer Science

Aug. 2021 – June 2025

Relevant Courses: Software for Mobile Devices, Software Design and Analysis, Database Systems, Software Engineering, Web Development, Computer Networks, Design and Analysis of Algorithms.

Experience

Cloud Application Development and Mobility Intern

June 2023 – Aug. 2023

Systems Limited, Islamabad

- Developed and optimized Cloud Application Development and Mobility projects using React.js and MS SQL.
- Designed scalable, mobile-friendly solutions with real-time updates and secure authentication.

Cybersecurity Intern

June 2022 – Aug. 2022

Datamatics Consulting, Islamabad

- Delivered Python-based encryption/decryption systems and automated threat detection tools.
- Performed vulnerability assessments and malware analysis, improving system security posture.

Teaching Assistant and Lab Demonstrator

Fall 2023 – Spring 2024

FAST NUCES, Islamabad

- Supported Computer Organization, Assembly Language, ICT, and DBMS courses, assisting with grading and feedback.
- Mentored students on projects, enhancing practical understanding.

Projects

WorkForce Nexus — MERN, MSSQL

July 2023 – Aug. 2023

- Engineered a robust MERN stack Employee Management System centralizing and streamlining data management.
- Integrated secure authentication, role-based authorization, and real-time updates for scalability and performance.

MentorMe — Android Studio, Kotlin

Apr. 2023 – June 2023

- Developed software solution for TA/LD management, automating scheduling, task tracking, and reporting.
- Enhanced operational efficiency with a seamless, data-driven workflow.

InfoMorph — Next.js, FastAPI, Transformers

- Built an NLP tool for scraping, cleaning, and summarizing multi-lingual news articles using Pegasus Transformers.
- Developed a FastAPI backend and a secure, responsive Next.js frontend for topic selection, summaries, and feedback.
- Enhanced information accessibility with an intuitive, multilingual platform.

Skills

Languages: JavaScript, HTML5, CSS3, Python, C++, Java, C#, Kotlin, SQL, x86 Assembly

Frameworks: Next.js, React, Node.js, Express.js, ASP.NET Core, .NET 7/6, Blazor, JavaFX, MPI, OpenCL, PyTorch

Databases: MS SQL Server, MongoDB, SQLite, Entity Framework, ADO.NET, MySQL

Tools: Git, Docker, Visual Studio, PyCharm, IntelliJ, Eclipse, SSMS, DosBox, Maven, Azure DevOps