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, Artificial Intelligence, Database Systems, Natural Language Processing, Applied Machine Learning, Deep Learning.

Experience

Cloud Application Development and Mobility Intern   June 2023 – Aug. 2023
Systems Limited, Islamabad

- Contributed to Cloud Application Development and Mobility projects with React.js and MS SQL.
- Built scalable, mobile-friendly solutions with real-time updates and secure authentication.

Cybersecurity Intern   June 2022 – Aug. 2022
Datamatics Consulting, Islamabad

- Implemented Python-based encryption systems and automated threat detection tools.
- Performed vulnerability assessments and strengthened system defenses.

Teaching Assistant   Fall 2023 – Spring 2024
FAST NUCES, Islamabad

- Assisted in Computer Organization, Assembly Language, ICT, and DBMS courses.

Projects

CNN Image Classifier

- Built a CNN with TensorFlow to classify Cats vs Dogs images, achieving 96% accuracy.
- Applied data augmentation, adaptive learning rates, and evaluated with accuracy, precision, and recall.
- Technologies Used: **Python, TensorFlow, OpenCV, NumPy**.

InfoMorph

- Developed a cloud-based system for scraping, cleaning, and summarizing multilingual articles using Pegasus NLP.
- Built a secure, intuitive interface for topic selection, feedback, and concise news summaries.
- Technologies Used: **Next.js, Node.js, MongoDB, FastAPI, Transformers (Pegasus)**.

Certifications

AWS Academy Graduate — Cloud Data Pipeline Builder
Trained in designing, building, and managing AWS data pipelines using services like S3, Lambda, and Glue for ETL workflows.
AWS Academy Graduate — Cloud Web Application Builder
Completed training on developing and deploying secure, scalable web applications using AWS EC2, API Gateway, and DynamoDB.

Skills

Languages: NextJS, ReactJS, JavaScript, HTML, CSS, Python, C++, Java, C#, Kotlin, SQL, x86 Assembly
Frameworks: Next.js, React, Node.js, Express.js, ASP.NET, .NET, JavaFX, MPI, OpenCL, PyTorch
Developer Tools: Git, Docker, Visual Studio, PyCharm, IntelliJ, Eclipse, MySQL, MongoDB, SSMS, DosBox, Maven