

Name:

[Syed Ali Haider Naqvi]

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Career Objective / Profile:

Passionate BS Artificial Intelligence student at FAST NUCES. Adept in C++, Python, SQL, and fundamentals of full-stack development. Strong interest in AI, software engineering, and algorithmic problem-solving. Award-winning programmer with hands-on experience in diverse, impactful projects and active involvement in student communities and leadership roles.

Education:

Bachelor of Science in Artificial Intelligence, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad

Relevant Courses: Machine Learning, Data Structures, Object-Oriented Programming, Database Systems, Artificial Intelligence

GPA: 3.91 / 4.00

Skills:

- Programming Languages: Python, C++, Assembly,
- Web Development: HTML/CSS, JavaScript (basic)
- Databases: MySQL, MongoDB
- Tools: Git, VS Code, Tkinter, Turtle, FastAPI
- OpenCV, Pytorch, Tensorflow, Flask
- Problem-Solving, Teamwork, Leadership, Communication, Creativity
- Languages: English, Urdu

Experience / Internships:

1. AI-Engineer, May 2025 - Present
 - Developed a Car Classifier Model that used EfficientNet's B0 model for the classification task. (CNN and Deep Learning).
 - Created a hardware integrated app, while using pyQT5 for the GUI and 3 testing Models for detecting Bacterial Colonies in a petri dish. But due to low accuracy, we shifted to old OpenCV functions which gave 95% accuracy.
 - Created a web application for displaying details and visualizing results of the "Explain" SQL Query similar to explain despesz. (DB and Web Dev)

Projects / Research:

1. Review Classifier Website (Python, LLM), November 2024
 - Built a web app using prompt engineering and LLMs to categorize customer reviews
2. ML-Based Bot for Game AI, June 2025
 - Trained an ML agent to defeat a CPU player (difficulty level 4) using gameplay data collection and supervised learning

Achievements / Extracurricular Activities:

- 4 x Dean's Honor List - 2023, 2024, 2025
- 1 x Rector's Honor List, 2025
- 1 x Bronze Medal, 1 x Silver Medal, 2 x Gold Medal – 2023, 2024, 2025
- 2nd Runner-Up, Compec Speed Programming Competition – NUST
- 4th Place in CUST Speed Programming Competition
- Vice Head, FIFA Frenzy – NASCON 2024
- Lead Projects – Fast AI Society – 2025 – Present
- Google Developers Group on Campus - 2024
- Part-Time IGCSE, O Levels and A Levels Tutor – 2021, 2022, 2023, 2024, 2025
- Volunteer at Human Development Foundation – 2025