### Name:

[Syed Ali Haider Naqvi]

### Contact Information:

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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:

### 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:

### Review Classifier Website (Python, LLM), November 2024

### Built a web app using prompt engineering and LLMs to categorize customer reviews

### 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, Comppec 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