

**Name:**

[Hammad Masood Mirza]

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**Career Objective / Profile:**

Artificial Intelligence Student with a passion for deep technical exploration and innovative problem solving. I enjoy diving into complex topics until they click and finding creative ways to apply new knowledge. Currently focused on expanding my knowledge across AI subfields, deepening my understanding and building skills to create more intelligent systems. Long term goal is to contribute to breakthrough technologies that advance the field.

**Education:**

Bachelor of Science in Artificial Intelligence, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad, June 2027

Relevant Courses: MLOps, GenAI, Agentic AI

GPA: 3.00 / 4.00

**Skills:**

- Programming Languages: Python, Java, C++
- Web Development: HTML, CSS, JavaScript, React
- Databases: MySQL, MongoDB
- Tools: Git, VS Code
- Agentic AI Systems
- Team Collaboration & Communication
- Languages: English, Urdu

**Experience / Internships:**

1. Full Stack Development Intern, NCRA-UAV Dependability Lab, Islamabad  
June 2025 – August 2025
  - Developed responsive front end interface using React
  - Developed efficient backend for ai agents using FastAPI

**Projects / Research:**

1. Multi-Stage Generative AI Pipeline, July 2025
  - Engineered a five-stage ComfyUI workflow for high-fidelity image generation, integrating Stable Diffusion, latent upscaling, and RealESRGAN to produce 1536x1536 research-grade outputs.
2. Street Fighter II AI Agent, May 2025
  - Developed a real-time combat AI using multi-layer neural networks with temporal window processing, building an end-to-end ML pipeline from data collection to model deployment.
3. Restaurant Review Analytics System, December 2024
  - Built an end-to-end analytics system by automating the scraping of 50,000+ reviews with Selenium and integrating the Claude API for sentiment analysis and categorization.

**Achievements / Extracurricular Activities:**

- Member, FAST Artificial Intelligence Society — 2025–Present