AMINA TAHIR

AI RESEARCHER AND COMPUTER SCIENTIST

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SUMMARY

Dedicated and results-driven Computer Science professional with a strong foundation in software development and artificial intelligence. Currently pursuing a Master's in Artificial Intelligence at NUST, with hands-on experience in AI research, machine learning, and web development. Skilled in designing intelligent solutions, developing scalable applications, and delivering impactful projects. Recognized for strong problem-solving abilities, adaptability, and teamwork in dynamic environments.

TECHNICAL SKILLS

- Artificial Intelligence, Machine Learning, Neural Networks, Deep Learning
- Natural Language Processing (NLP), Data Analysis
- Web Development: PHP, JavaScript, HTML, CSS, MySQL, WordPress
- Programming: Python, PHP, JavaScript, C++, HTML, CSS
- Tools: Git, Visual Studio Code, Microsoft Azure
- Soft Skills: Problem Solving, Team Collaboration, Communication

WORK EXPERIENCE

Web Designer | YCS Solutions   **Mar 2022 – Sep 2023**

- Designed and developed dynamic, responsive websites using PHP, HTML, CSS, JavaScript, and WordPress.
- Customized WordPress themes and plugins; optimized databases with MySQL.
- Delivered user-friendly and visually appealing solutions in collaboration with teams.

Instructor (Programming Languages)   **Jan 2022 – Present**

- Taught advanced programming languages to international students.
- Designed and delivered engaging lectures and course material.
- Supported students in enhancing academic and professional programming skills.

AI Internship | Joyn Digital   **Aug 2025 – Oct 2025**

- Developing scalable, secure AI and machine learning applications using Python and ML frameworks.
- Researching and implementing innovative AI solutions for automation and efficiency.
- Collaborating with academic and industry experts on AI-driven projects.

EDUCATION

MASTERS IN ARTIFICIAL INTELLIGENCE   **Sep 2023 - Presesnt**
NUST, SEECS University
3.19

BACHELOR OF SCIENCES IN COMPUTER SCIENCES   **Sep 2018 - Feb 2023**
UET, Taxila University
3.70 with Honors

PUBLICATIONS AND PROJECTS

- Face Detection & Attendance System: Using Python, Microsoft Azure, and Dlib with secure cloud storage for student data.
- User Authentication System: Developed using Node.js, ExpressJS, and MongoDB with secure signup, login, and logout APIs.
- Vehicle Customer Care Service (VCCS): Created a full-stack solution using HTML/CSS, JavaScript, C++, PHP, and MySQL

PUBLICATION

Hybrid CNN-ViT Model for Early Diagnosis of Alzheimer's Disease: Leveraging Local and Global Feature Fusion