

WASIL FAWAD MALIK

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Education

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

Sep. 2022 – May 2026

Bachelor of Science in Artificial Intelligence

Topi, Pakistan

Relevant Coursework

- | | | | |
|-------------------------------|------------------------|------------------------------|------------------------|
| • Natural Language Processing | • Machine Learning | Algorithms | Applied Probability |
| • Computer Vision | • Deep Neural Networks | • Database Management | • Object Oriented |
| • Software Engineering | • Operating Systems | Systems | Programming and Design |
| | • Data Structures and | • Inferential Statistics and | |

Experience

Evamp & Saanga

June 2025 – July 2025

Front-End Intern

Islamabad, Pakistan

- Built responsive, user-friendly interfaces with HTML, CSS, and JavaScript to enhance user experience.
- Collaborated with developers and designers, translating mock-ups into functional, polished components.
- Optimized site performance and accessibility, ensuring fast load times and cross-device compatibility.
- Applied version control (Git/GitHub) in team workflows, strengthening collaboration and project delivery.

Nexus Academy

November 2024 – present

Online Tutor

England, United Kingdom

- Delivered personalized tutoring in math, physics, and chemistry for Edexcel, O Level, A Level, and NAT 5 students.
- Designed tailored lesson plans, notes, and assessments to support individual learning needs and exam preparation.

Projects

Fine-Tuning Qwen2-VL for LaTeX Code Generation | *Python, Deep Learning, Google CoLab*

May 2025

- Fine-tuned a Vision-Language Model (VLM) for LaTeX transcription from Mathematical equation images using LoRA and 4-bit Quantization, achieving improved accuracy through advanced preprocessing and optimization techniques.
- Evaluated model performance using BLEU scores and enhanced training stability with mixed-precision training and optimized tokenization strategies.
- Colab Notebook Link

Credit Card Fraud Detection | *Python, Machine Learning, Google CoLab*

December 2024

- Developed a machine learning training model to learn and detect fraudulent credit card transactions.
- Made use of various machine learning models such as Random Forest, Logistic Regression, XGBoost, Isolation Forest, etc.
- Colab Notebook Link

Portfolio Website | *JavaScript, HTML, CSS*

October 2025

- Shipped a responsive React + Vite portfolio on Vercel with React Router and custom CSS styles and animations.
- Integrated Formspree contact + Cal.com booking widgets and a static PDF resume, improving accessibility and performance.
- Demo

Technical Skills

Languages: Python, JavaScript, HTML, CSS, C++, PostgreSQL, Verilog, C, Java

Developer Tools: VS Code, Google CoLab, Jupyter Notebook, AWS, pgAdmin, Xilinx Vivado

Technologies/Frameworks: GitHub, Linux, Docker

Leadership / Extracurricular

NETRONiX

September 2022 – October 2024

Subhead

Ghulam Ishaq Khan Institute of Technology and Engineering Sciences

- Led outreach, event management, and community engagement for national gaming and networking events (UGX, HNC) with 350+ participants, including hosting tournaments, livestreams, and casting finals.
- Managed social media content and campus networking support, while applying design skills in Adobe Photoshop, Canva, and Premiere Pro.