

Ehsaan Ali

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📍 Pakistan Islamabad



Summary Statement

PIAIC Certified AI Developer | Microsoft Certified Python Developer | AI Master's Student at Fast University. Skilled in ML, DL, and data science, I specialize in developing advanced algorithms and models, creating custom data pipelines, and building visualization tools for effective decision-making.

Job Experience

Visiting Lab Instructor at Fast ISB

Artificial Intelligence Lab (11 Sept, 23 to 20 Jan 2024)

Visiting Lab Instructor at SZABIST ISB

Data structures (12, Dec, 23 to 19 Jan 2024)

Internships

- PHP Laravel internship at Macro Soar
- Data Science and Business Analytics intern Sparks Foundation
- BDO at Ankasky

Teacher Assistant (Part-time)

- Providing support to the instructor in preparing, marking Assignment and projects

Research Projects

Computer Vision-based Activity Recognition in Construction

- LSTM and CNN Model Used

Deepfake detection using lighting inconsistencies in retinal and face movements

- Landmark Detection
- FaceSwapGAN, Deepfake detection

AI Based Automatic Stationery Billing System using yolo

- Computer Vision · Python (Programming Language)

Enhancement of Encoded Cover in Multi-Image Steganography using Deep Learning

Consensus Ranking with Minhash: Achieving Fairness in Multiple Attribute Fair Consensus

Classified dementia using a structured dataset

Final Year Project(BS)

Intelligent Health Monitoring System

- **Framework:** Django
- **Front End:** HTML, CSS, Bootstrap, JavaScript, High Charts API
- **Back End:** Python, Regression Algo.
- **Database:** PostgreSQL
- **Role:** Front End Development, Backend Development, Forecasting Using Artificial Intelligence

Courses and Workshop

- Certified Artificial Intelligence from PIAIC
- MTA 98-381 Python Certification
- AI for everyone Coursera Certification
- Workshop attempt on Agile Methodology

Education

Master in Artificial Intelligence

FAST NUCES University Islamabad, Pakistan

Jan 2022 - Jan 2024

Graduated - 3.67 CGPA

- Took specialization courses in deep learning, image processing, machine learning and big data

Bachelor of Science (BS) in Software Engineering

SZABIST University Islamabad, Pakistan

Graduated - 3.26 CGPA

Aug 2017 - Aug 2021

- Took specialization courses in Web Development, Software Engineering and Artificial Intelligence

Skills

Expert (★★★★★): Machine Learning, Machine Learning, Python, PHP, SQL, Git

Advanced (★★★★☆): Django, Tableau, hugging face, TensorFlow, pytorch, opencv, NLTK

Familiar (★★★☆☆): C, C++, Generative AI

Interests

- Digital Image Processing
- AI Tools and Technologies
- Competitive Programming