



Irfan Hassan

Date of birth: 15/02/2001 | **Nationality:** Pakistani | **Email address:**

irfanhassan527@gmail.com | **LinkedIn:** <https://www.linkedin.com/in/mrirfanhassan/> |

Address: Southwest Jiaotong University No. 999, Xipu Campus, Xi'an Road, Pidu District, 611756, Chengdu, China (Home)

ABOUT ME

Computer Vision researcher focused on **multimodal** object detection in **remote sensing**, using advanced **deep learning** models. Dedicated to developing innovative AI solutions and impactful research for Computer Vision.

EDUCATION AND TRAINING

09/2023 – CURRENT Chengdu, China

MASTER OF SCIENCES Southwest Jiaotong University, China

Address School of Computing and Artificial Intelligence, Southwest Jiaotong University, Chengdu, China |

Website www.swjtu.edu.cn | **Field of study** Computer Science and Technology | **Final grade** 3.08/4.0 |

Thesis Research on Object Detection in Remote Sensing based on Multimodal Approach


2018 – 2022 Lahore, Pakistan

BACHELOR OF SCIENCES University of Education, Pakistan

Address Department of Information Science, University of Education, Lahore, Pakistan | **Website** <https://www.ue.edu.pk> |

Field of study Information Technology | **Final grade** 3.31/4.0

WORK EXPERIENCE

 **MUX INSTITUTE** – MULTAN, PAKISTAN

AI ENGINEER – 2022 – 2023

- Designed and developed Python-based solutions for automation and data-driven tasks.
- Designed efficient workflows for data processing and analysis.
- Collaborated with a multidisciplinary team to deliver reliable, production-ready code aligned with industry standards.
- Strengthened practical skills in Python programming and collaborative problem-solving relevant to AI research.

PUBLICATIONS

2024

[**Performance Evolution of Yolo Models in Remote Sensing Images**](#)

14-16 December 2024, Chengdu China

Authors: Irfan Hassan; Zhang Xinyou | **Journal Name:** 21st International Computer Conference on Wavelet Active Media Technology (ICCWAMTIP) | **Publisher:** IEEE

2024

[**DisasterViT: A Lightweight Vision Transformer for Disaster Classification**](#)

14-16 December 2024, Chengdu China

Authors: Shamas Tabraiz; Huang Haiyu; Irfan Hassan; Majid Manzoor; Muhammad Haider Abbas | **Journal Name:** 21st International Computer Conference on Wavelet Active Media Technology (ICCWAMTIP) | **Publisher:** IEEE

SKILLS

Python (computer programming) | pytorch | deep learning | computer vision | Latex

● **LANGUAGE SKILLS**

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	C1
CHINESE	A1	A1	A2	A2	A1

● **RECOMMENDATIONS**

Mr. Zhang Xinyou Supervisor

Email xyzhang@home.swjtu.edu.cn

Dr. Muhammad Hassaan Butt Co-Supervisor

Email hassaan@swjtu.edu.cn

● **HONOURS AND AWARDS**

01/09/2023

Presidential Scholarship (Fully Funded) – Southwest Jiaotong University
