



Amir Sohail Khan

B.S., Computer Science and Technology

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- <https://scholar.google.com/citations?user=c6fTaWUAAAAAJ&hl=en>

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Place of born:

Mardan, Pakistan

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1. EDUCATION

Total 151.5 credit		
Feb 2019 Jan 2023	B.CS	Jiangxi University of Science and Technology, Ganzhou, China Department of Computer Science and Technology Supervisor: Prof. Dr. Ata Jahangir Moshayedi
B.CS Thesis	Design and Development of Deep Learning Based Handy Pipe Defect Recognizer (HPD) System Meant for Pipe Industrial Thesis: 95/100	
GPA	3.92/4	
Apr 2016	Pre university	Quaid-e-Azam Group of Schools and Colleges, Mardan, Pakistan Pre-Engineering in Mathematics and Physics Pakistan
GPA	76/100	
Apr 2014	S.S.C	Quaid-e-Azam Group of Schools and Colleges, Mardan, Pakistan Science,
GPA	81.6/100	

2. FIELDS OF INTEREST BASED ON PUBLICATION AND PROJECTS

- *Image processing ,Robotic and Automation ,Deep Learning, Gas Detection*

3. HONORS / AWARDS

- Design and Created (HPD) Mobile App and got 1st Position at provincial level China, and 3rd Position at national level in china.
- Got full provincial scholarship for the first two years in the university.

4. Work Experience:

Mar 2023 – Sep 2023	Search Engine Optimization (SEO) Analyst UK based company Aatec.com
Sep 2021 – now	Robotic and Automation research Lab (RARL),JXUST university , China Junior researcher
Sep 2017 – Apr 2018	NADRA (National Database and Registration Authority), Pakistan Junior Executive and Public Dealing
Aug 2018 – Feb 2023	ACE AIR ART (Chinese Company on Ali Express and Alibaba) Business Development and Online Product Selling

5. PUBLICATIONS and Patent

Papers records in Brief : Total: 7	
Copyright and invention	1
• International Conferences (IEEE)	2
• International Journals (Language: English)	5

A. Copyright:

1. 手持式管道缺陷识别器 Handy Pipe Defect (HPD) Recognizer 软件 Mobile App, 2023SR0452001, Copyright © 2023

B. PAPERS PRESENTED AT THE CONFERENCES:

A. PAPERS PRESENTED AT THE INTERNATIONAL CONFERENCES, IEEE level: (From new to old)

1. M. Zarei, A. J. Moshayedi, Y. Zhong, **A. S. Khan**, A. Kolahdooz and M. E. Andani, "Indoor UAV Object Detection Algorithms On Three Processors: Implementation Test And Comparison," 2023 3rd International Conference on Consumer Electronics and Computer Engineering (ICCECE), Guangzhou, China, 2023, pp. 812-819, doi: 10.1109/ICCECE58074.2023.10135199.
2. Ata Jahangir Moshayedi, **Amir Sohail Khan**, Shuxin Yang and S. M. Zanjani, "Personal Image Classifier Based Handy Pipe Defect Recognizer (HPD): Design and Test". 2022 7th International Conference on Intelligent Computing and Signal Processing (ICSP), 2022, pp.1721-1728, doi: 10.1109/ICSP54964.2022.9778676.

Journal publications (From new to old)

1. Moshayedi, A. J., Uddin, N. M. I., **Khan, A. S.**, Zhu, J., & Emadi Andani, M. (2023). Designing and Developing a Vision-Based System to Investigate the Emotional Effects of News on Short Sleep at Noon: An Experimental Case Study. *Sensors*, 23(20), 8422.
2. Moshayedi, Ata Jahangir, **Amir Sohail Khan**, Jiandong Hu, Abdullah Nawaz, and Jianxiong Zhu. "E-Nose-Driven Advancements in Ammonia Gas Detection: A Comprehensive Review from Traditional to Cutting-Edge Systems in Indoor to Outdoor Agriculture." *Sustainability* 15, no. 15 (2023): 11601.
3. Moshayedi, Ata Jahangir, **Amir Sohail Khan**, Yang Shuxin, Geng Kuan, Hu Jiandong, Masoumeh Soleimani, and Abolfazl Razi. "E-Nose design and structures from statistical analysis to application in robotic: a compressive review." *EAI Endorsed Transactions on AI and Robotics* 2, no. 1 (2023): e1-e1.
4. A. Jahangir Moshayedi, K. S. Reza, A. Sohail Khan, and A. Nawaz, "Integrating Virtual Reality and Robotic Operation System (ROS) for AGV Navigation", *EAI Endorsed Trans AI Robotics*, vol. 2, Apr. 2023.
5. Ge Xu, **Amir Sohail Khan**, Ata Jahangir Moshayedi, Xiaohong Zhang, Yang Shuxin, "The Object Detection, Perspective and Obstacles In Robotic: A Review", *EAI Endorsed Transactions on AI and Robotics*, 2022

3. Skills Computing and Programming

- Languages programming: Python, Arduino, C, C++, Assembly, MATLAB
- Operating system: windows, dos, offices
- SEO (Search Engine Optimization)
- Advance user of windows OS

Languages: English (Fluent), Pashto (native), Arabic (Intermediate), Urdu (Fluent), Chinese (Basics)

4. References (will be available upon request):

Prof Dr. Ata Jahangir Moshayedi (Ph.D. research Guide) ajm@jxust.edu.cn

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Ask some other teacher

