

MUNIR AHMAD



ADDRESS

Mujahidabad Colony Khairpur Sadat
Tehsil Alipur
District, Muzaffargarh
Punjab, Pakistan

PERSONAL INFORMATION

DOB: 15th Feb 1991
Cell Number: (+92) 303 756 5686
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SUMMARY:

A reliable and efficient professional with a proven ability to impart knowledge to learners. Possesses excellent communication and interaction skills, along with a strong aptitude for conducting research in AI concepts.

CAREER OBJECTIVE:

To establish myself in the field of education, designing and developing software's, through my skills, knowledge and experience to help the students to make them capable to compete in the diversifying.

EDUCATION

University Malaysia of Sarawak, Malaysia (UNIMAS)	2022 to 2025
Ph.D. (Scholar) Electronic Engineering (Computer Vision)	In progress
Abasyn University, Peshawar (Islamabad Campus), Pakistan	2019 to 2022
Master of Science in Software Engineering (MSSE)	
COMSATS Institute of Information Technology, Islamabad, Pakistan	2013 to 2017
Bachelor of Science in Software Engineering (BSSE)	
Punjab Board of Technical Education, Lahore, Pakistan	2007 to 2010
Diploma of Associate Engineering in computer Information Technology (DAE C.I.T)	
Board of Intermediate and Secondary Education, Dera Ghazi Khan, Pakistan	2005 To 2007
Matriculation	

CERTIFICATION

Degree Name	Institute/Board	Duration	Year
Technical Course	Punjab Information Technology Board, Lahore	3 Months	Completed 2020

TECHNICAL SKILLS AND PROFICIENCIES

• Python, MATLAB, Tensor Flow, PyTorch, OpenCV	• PHP Laravel, Bootstrap, CodeIgnitor, WordPress, HTML, CSS, Visual Basic	• GitHub, GitHub Actions, Git Flow
• MySQL	• Repairing Computer hardware and Circuits	• Image Processing Tools and Techniques
• Basic VoIP Network Installation/configuration	• Switching and Virtualization	• VLAN, IP Routing, IoT
• Network monitoring, security appliance	• Basic CCTV Installations and configuration	• System administration, Network security and policies
• Windows and Software's installations	• Knowledge of CI/CD (Continuous Integration/Continuous Delivery) pipelines.	• Active Directory and VMware
		• Experience with cloud-based platforms (AWS, Azure).

PROFESSIONAL EXPERIENCE

LECTURER (SE/CS)

Oct 2024 Till Now

UNIVERSITY OF SOUTH ASIA, LAHORE, PAKISTAN

- Data Communication and Computer Networks
- Cyber Security
- Big Data analytics
- Parallel Distribution Computing
- Artificial Intelligence

ASSISTANT SYSTEM ADMINISTRATOR

Jun 2024 Oct 2024

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, ISLAMABAD, PAKISTAN

- Administration and deployment of SAN/NAS & Virtual SAN, VMware
- Good knowledge of Cloud Services including Azure & AWS
- Administration and deployment Server, Application and Network Monitoring Tools
- Expertise on Windows Server 2016/2019, AD, DC, DNS, DHCP
- Administration and deployment Exchange 2016
- LAN/WAN Trouble Shooting / uptime & maintenance and IP Management & Monitoring And Expertise of Routing & Switching

I.T CONSULTANT ENGINEER [REMOTELY] SHORT TERM PROJECT

Apr 2023 to Nov 2023

SEVEN EIGHTY ENTERPRISE, ALBERTA- AB, CANADA

- Consulting with clients to determine their Developments/IT needs and requirements, consulting with clients to identify their technical and business requirements
- Designing and implementing technical solutions based on clients' needs and specifications
- Analyzing, troubleshooting and resolving technical issues related to software applications
- Developing and maintaining software applications, systems, and networks
- Providing technical guidance and support to other team members
- Collaborating with other departments such as sales, marketing, and product development to ensure smooth delivery of services to clients
- Conducting technical training and presentations to clients and other stakeholders
- Staying up-to-date with the latest technological developments and trends in the industry
- Managing projects and ensuring timely delivery of services to clients
- Contributing to the development and implementation of company-wide IT policies, procedures and standards.

RESEARCH ASSOCIATE (MACHINE LEARNING) FUNDED PROJECT

Oct 2021 to Oct 2022

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, ISLAMABAD, PAKISTAN

- Applying computer vision techniques and programming with languages like Python working with machine and deep learning libraries like Tensor Flow, PyTorch, MATLAB, Cuda, Jupiter's, Anaconda and Etc.
- Experience in working and methodology development with image analysis and machine/deep learning software packages.
- Conducting research and authoring academic papers and some contributing to our research strategy and
- Coordination with all other groups in organization (Network, finance, executive staff and Sales).
- Providing technical across the organization and network/System support to the user.
- Maintain documents and ledgers of inventory of hardware, Technical Stores and Etc
- Researching technical issues and learning about products updates and new technologies

LAB ASSISTANT (INFORMATION TECHNOLOGY)

Feb 2020 to Nov 2022

- Good knowledge of Cloud Services including Azure & AWS
- Administration and deployment Server, Application and Network Monitoring Tools
- Expertise on Windows Server 2016/2019, AD, DC
- Administration and deployment Exchange 2016
- LAN/WAN Trouble Shooting And Expertise of routing & Switching
- Assistance to faculty and students in the operation of computers, multimedia projectors and related
- Equipment, Coordination with all other groups In organization (Network, finance, executive staff and Sales)

RESEARCH ASSISTANT (ARTIFICIAL INTELLIGENCE)**Mar 2019 to Feb 2020**

- Collect information on new robotics, mechatronics and intelligent system technology and applications for industries, especially the manufacturing industry.
- Support the assigned R&D work and solution development on intelligent machine and intelligent manufacturing with new technologies, including but not limited to intelligent mechatronics, robotics, data acquisition IoT, sensors, machine vision, actuators, human-machine collaboration, etc.
- Assist the project leader to carry out applied R&D tasks against the plan and complete the projects (including R&D work, project documents, technical report and paper, patents, etc.) as scheduled with high standard
- Installing and configuring computer hardware, software, Windows, Printers and Scanners.

PYTHON DEVELOPER AND SOFTWARE ENGINEER (LARAVEL)**Mar 2017 to Feb 2019****S SOLUTION TECHNOLOGIES LIMITED**

- Strong proficiency in Python programming language.
- Knowledge of Python frameworks (Django) or libraries (NumPy, Pandas, etc.) relevant to the specific role.
- Design, develop, and maintain Laravel web applications. Experience with version control systems (Git).
- Good problem-solving and analytical skills.
- Attention to detail and ability to write clean, well-documented code.
- Troubleshoot and debug Laravel applications.

Research Publication:

- [1] **Ahmad, M.**, Ali, T., Khan, N., Afzal, A., Sohail, T., & Kashif, H. (2025). Enhanced Sketch Recognition via Ensemble Matching with Structured Feature Representation. *International Journal of Artificial Intelligence & Mathematical Sciences*, 3(1), 44-56. <https://doi.org/10.58921/ijaims.v3i1.106>
- [2] **Ahmad, M.**, Taib Ali, Khan, N. A., Afzal, A., Talha Bin Sohail, & Shahid, T. (2024). Predicting Long-term Visual Outcomes for Robot Manipulation Using Vision-based Techniques. *VAWKUM Transactions on Computer Sciences*, 12(2), 254-266. <https://doi.org/10.21015/vtcs.v12i2.1961>
- [3] **M. Ahmad**, K. Zaheer, A. Javed, S. Tariq, N. Raza and S. Adil Ali Chishit, "An Active Queue Management to Assist Time-critical Applications in Rural Area Networks using deep learning," 2023 3rd International Conference on Digital Futures and Transformative Technologies (ICoDT2), Islamabad, Pakistan, 2023, pp. 1-6, doi: 10.1109/ICoDT259378.2023.10325749. <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10325749&isnumber=10325690>
- [4] **Ahmad, M.**, Amjad, M. E., Umair, M., Gul, H., Din, F. ud, & Hussain, M. S. (2024). Sight and Speech: Exploring Attention in Vision-Language Learning. *VAWKUM Transactions on Computer Sciences*, 12(1), 194-204. <https://doi.org/10.21015/vtcs.v12i1.1792>
- [5] **Ahmad, M.**, Chohan, M. K., Qureshi, M. Z., & Gul, H. (2024). Understanding and Enhancing Diversity in Generative Models. *IJAMC: International Journal of Applied Mathematics and Computing*, Vol. 1, No. 2 April2024e-ISSN: 3047-146X, Hal 01-11., <https://international.arimsi.or.id/index.php/IJAMC/article/view/16/16>
- [6] **Ahmad M. H.**, Bouabdallah, A., Zemoura, N., & Imran, M. (2024). *Exploring Human-Robot Interaction and Collaboration for Real-World Applications*. 12(2), 52-60. https://www.ijeeseem.com/journal_volume12_issue2_February_2024_edition.html
- [7] Gul, H., Amjad, M. E., Qazi, A. B., & **Ahmad, M.** (2024). Cross-border logistics between Pakistan and China: Exploring the potential for Freight Entrepreneurs in CPEC. 12(3), 1-17. https://www.ijeeseem.com/journal_volume12_issue3_March_2024_edition.html

Conference Publication and Presentation:

- [1] **Munir Ahmad**, Advancements for building computer-based intelligence-based it foundation stage in Pakistan IT adventures. International Bandırma Scientific Studies Conference (Ases), March 15-17, 2024, Balıkesir, Türkiye, Book II, P-469
- [2] **Munir Ahmad**, Rules of Risk Manager in Integrated Risk Management System (Irms) in It Industry: 7th international cukurova agriculture and veterinary congress, (Siirt University, Ege University & IKSAD Institute) 9-10 march 2024.
- [3] **Munir Ahmad**, AI Software Architecture Is The Blueprint Of An Ai System Is Built, Organized, And Connected By Python: international palandöken scientific studies congress, (international science and art research center) 09-10 march 2024 erzurum/turkey
- [4] **Munir Ahmad**, "Software Design for the Information Appropriation Component by Man-made Intelligence," 3. Bilsel International Sumela Scientific Researches Congress, 06-07 April 2024, Trabzon, Türkiye.
- [5] **Munir Ahmad**, Privacy-Preserving Machine Learning Techniques for Secure Data Sharing and Analysis, 2nd International Conference on Information Technologies and Their Applications (ITTA 2024) April 23-25, 2024, PP 82, Baku, Azerbaijan

Languages:

English (fluent), Urdu, Punjabi (fluent), Saraiki.

REFERENCE'S & CERTIFICATES WILL BE AVAILABLE UPON REQUEST