

RESEARCH INTERESTS

Theoretical and Applied ML/Mathematics, Artificial Intelligence, Computer Vision, NLP, Deep Learning, Robotics, Reinforcement Learning

EDUCATION

Doctor of Philosophy (Ph.D.)

Spring 2021–Present

Areas: Machine Learning, A.I., Applied Deep Learning, Reinforcement learning, Computer Vision
Indian Institute of Technology, Delhi, India

Master of Technology (M.Tech)

2018–2020

Computer Engineering
Jamia Millia Islamia University, New Delhi, India

- CGPA: 9.58 /10
- Majors: Machine learning and Information Retrieval, Data Mining, Soft Computing, NLP, Digital Image Processing, Cryptography
- Thesis Title: “Large-scale multi-class Cardiac Arrhythmia classification from variable-length 12-lead ECG signals using deep learning”. [Link]
- M1 Dissertation Title: “Deep Learning based Driver Drowsiness Detection”. [Link]

Bachelor of Technology (B.Tech) *Hons.*

2013–2017

Computer Science & Engineering
University of Kashmir, Srinagar, India

- Percentage/Grade: 82.1 /100
- Majors: Computer Networks, Algorithm Design and Analysis, Digital Image Processing, Theoretical Computer Science, Object Oriented Programming, Probability and Statistical Mathematics
- Dissertation: “Deep learning based gender classification using built-in webcams and the effect of lighting conditions”.

RESEARCH AND EXPERIENCE

Indian Institute of Technology, Delhi

New Delhi, India

Project Scientist

June 2020 - Jan 2021

- Task: Developing Deep learning and Image Processing based applications on the 5G MEC testbed

National Institute of Electronics and Information Technology

Srinagar, India

Internship

Jan 2015 - Feb 2015

- Linux Administration

TEACHING

- **Teaching Assistant** at Jamia Millia Islamia University
Machine Learning and Information Retrieval Lab (MCEN-292)

Spring 2019

FELLOWSHIPS AND AWARDS

- Junior Research Fellow (JRF) - Honored by MHRD, Government of India 2021–2023
- University Grants Commission PG-GATE Fellow 2018–2020
- GATE (Graduate Aptitude Test in Engineering), 2020 2020
- GATE (Graduate Aptitude Test in Engineering), 2019 2019
- GATE (Graduate Aptitude Test in Engineering)), 2018 2018
- JEST (Joint Entrance Screening Test), 2018 2018
- University Gold Medalist in Bachelors with Hons. (University of Kashmir, Srinagar) 2017

SEMINARS

Hybridization of ConvNets

Jamia Millia Islamia University

New Delhi, India

June, 2020

Dive into Machine Learning

University of Kashmir, Srinagar

Srinagar, India

December, 2017

CERTIFICATIONS

- **Crash Course on Python** July 2020
Google [Link]
- **Machine Learning** Feb 2021
Badge earned on LinkedIn Skill Assessments [Link]
- **Linux Administration** Feb 2015
National Institute of Electronics and Information Technology, Srinagar

PROJECTS

A non-exhaustive list of past and current projects is available on
<https://muneebpandith.github.io/index.html#projects>

SCIENTIFIC REPORTS

- [1] K. Arzad Alam, S. Gaurav, S. Shashvat, V. Neha, **A. Muneeb**, P. Ashish, M. Rashi, L. Brejesh, S. Huzur, V. Mythili, S. Abhishek, S. Sushila, V. Vinodh R, and L. Kishore, “Development of MEC system for indigenous 5G Test-Bed”, in *Proceedings of the 13th International Conference on Communication Systems and Networks (COMSNETS). IEEE, 2020 [Accepted]*[Link].
- [2] **A. Muneeb**, A. S. Mohsin, A. Reyaz, and Z. Zaid, “Deep-learning based gender classification using built-in webcams and the effect of lighting conditions ”, in *Conference On Software Engineering and Data Sciences (CoSEDS)*, Jun. 2018.