Muneeb Ahmed

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(+91) 914-942-9559
https://muneebpandith.github.io

Research Interests

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

Education

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, Natural Language Processing, Data Mining, Soft Computing, NLP, Digital Image Processing, and Computer Vision
- 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   Spring 2019
  Machine Learning and Information Retrieval Lab (MCEN-292)

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   New Delhi, India
Jamia Millia Islamia University   June, 2020

Dive into Machine Learning   Srinagar, India
University of Kashmir, Srinagar   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.