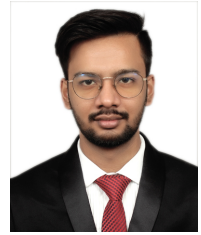


Mohd Azhan

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Experience

- December 2020 – Present **Research Intern, Advanced Computing Research Society** Working under Dr Geetha Ganesan working on Reinforcement Learning.
- July 2020 – Present **Research Intern, IIIT Delhi** Working under Prof. Sumit J. Dhar in the field of Automatic Modulation Classification using Deep Learning Techniques.
- May 2020 – Present **Moderator, Code-ML** Working as a moderator at Code-ML, writing articles and tutorials on Deep Learning and Machine Learning techniques.

Education

- 2017 – 2021 **B. Tech, Jamia Millia Islamia, India** Electrical Engineering
Thesis title: *Identification of Helmet of bike rider using Deep Learning Techniques*
Supervisor: Dr. Zainul Abidin Jaffery
- 2017 **Intermediate, Summer Fields School, New Delhi**
Best of 4 Percentage: 89.5
Served as Captain and Vice Captain in the School's Student Council
Qualified for NDA, and appeared for SSB at SSB, Bhopal
- 2015 **Matriculation, Summer Fields School, New Delhi**
CGPA: 9.2
French as second language
Represented school at Global Humanitarian Tech. Expo-14 held in Godhra, Gujarat after being shortlisted in the Regional Level in Delhi

Research Publications

Conference Proceedings

- 1 Azhan, M., & Meraj, S. (2020). Credit card fraud detection using machine learning and deep learning techniques, IEEE.
- 2 Azhan, M., Ahmad, M., & Jafri, M. S. (2020). MeToo: Sentiment analysis using neural networks (grand challenge), In *2020 IEEE sixth international conference on multimedia big data (BigMM)*, IEEE.
<https://doi.org/10.1109/bigmm50055.2020.00079>

Skills

- Languages **English, French, Hindi, and Urdu**
- Coding **C++, Python, Javascript(basic)**
- Skills **Machine Learning, Deep Learning, ReactJS, NodeJS, Django, HTML, CSS**

Skills (continued)

Hardware	📌	Arduino, Raspberry Pi
Soft Skills	📌	Prioritizing Interpersonal Skills, Dependability, Compassion

Certifications

July, 2020	📌	Deep Learning Specialization Awarded by deeplearning.ai through Coursera, certificate link.
	📌	Tensorflow in Practice Awarded by deeplearning.ai through Coursera, certificate link.

Achievements

July, 2020	📌	IEEE BigMM Grand Challenge Led my team to secure the 3rd and 8th Position on the Public and Private leader-board respectively, in IEEE's BigMM Grand Challenge MeToo which was hosted on Kaggle. The task was to use Deep Learning or Machine Learning Techniques to classify given tweets into respective classes.
November, 2020	📌	Facebook Developer Community Challenge Participated in the Facebook Developer Community Challenge and won the Regional Level Competition, bagging a prize of USD\$2000. Presented a tutorial for a Text Classification Deep Learning Model hosted on Heroku Server. The complete tutorial can be found here.

Projects

Face Verification Application	📌	Using Deep Learning techniques and Siamese networks to create a face verification application which can be used as a touch-less technology to verify people. The project can be found here.
Sentiment Analysis: Twitter	📌	Using CNN, RNN and BERT to classify given tweets into their respective classes. The project describes our approach to IEEE's BigMM Grand Challenge MeToo. The project can be found here.
Self Balancing Spoon	📌	Using Arduino UNO to create a self balancing spoon which can be used by people suffering from Parkinson's disease to counter the sudden jerks in their muscles, making it possible for them to eat on their own. The project can be found here.
Text Classification: Transfer Learning	📌	This project was my team's submission for the Facebook Developer Challenge 2020. We implemented a Transfer learning model using RoBERTa and RNN, and deployed it on a web server using Heroku. The deployment was done using Flask for backend of the application, and ReactJS was used to create the frontend. The project can be found here.