

Jeevanshi Sharma

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EDUCATION

Zakir Husain College of Engineering and Technology

Bachelor of Technology in Electrical Engineering | CGPA - 8.6

AMU, Aligarh, India

Aug. 2018 – May 2022

Delhi Public School

Intermediate | Percentage - 82.8

Aligarh, India

2017

EXPERIENCE

Undergraduate Research Assistant

Sep'20 – Present

Centre of Interdisciplinary Biomedical and Human Factors Engineering

AMU, Aligarh

- Current research work is to detect oral cancerous lesions from CT scan images through deep learning techniques.
- We are trying to employ different deep learning methodologies particularly pre-trained using ImageNet and apply Transfer Learning to classify lesions.

Summer Intern

July'19

Carrier Air Conditioning and Refrigeration Limited

Gurugram, Haryana

- Under the supervision of Mr. Dinesh Kargeti(Head of Maintenance Department), surveyed Utility Power Zone and Assembly Lines at the industry.

PROJECTS

Control and Management of Pedestrian Traffic (Research Project) | Computer Vision

Sep'20 – Present

- Working on the management of pedestrian traffic in religious mass gatherings using optimal agent placement and routing policy.

Image Captionator | Sequence Modelling, Linguistics, Image Processing

Aug'20 – Present

- Neural Image Caption Model based on Attention Mechanism

Fake News Detector | Natural Language Processing

May'20

- Hoaxify is a fake news classification ML model built using NLP Techniques.
- It was trained on various classification algorithms and produced an accuracy of 93.12% on Passive-Aggressive Classifier.

Dashboard for Ministry of Statistics and PI | Data Analytics, Data Visualization, Web Development

March'19

- Data visualisation of National Accounts Statistics.
- Built under Smart India Hackathon - 2019 edition.

IoT Based Smart Electricity Energy Meter | IoT

Nov'18

- The propagated Model is be able to make the energy unit reading to be handy.
- Electrical Energy consumed in our household can be monitored on our smart phones.

SKILLS

Languages: Python, C, JavaScript, SQL

Frameworks: Scikit, NLTK, Tensorflow, Keras, Django, Flask

Tools: Git, Github, Jupyter Notebook, Linux Command Line, Arduino IDE, MySQL, VSCode

Soft Skills: Leadership, Theatre, Storytelling, Acting, Public Speaking

VOLUNTEER EXPERIENCE

Machine Learning Mentor at DevScript

Educational Community

Mentoring students on ML and conducting sessions reaching over 1000+ students.

Aug 2020 - Present

Core Team Member of AMU-OSS

Open Source Society of AMU

Conduct weekly meetings, hackathons, devsprints and guest lectures from field specialists.

Dec 2018 - Present

Mentor at LetsUpgrade

Educational Community

Mentored students on a Machine Learning Project in an All India Open Source Event.

July 2020 - Oct 2020

HONORS AND AWARDS

- First Runner Up at Smart India Hackathon 2019 (Ministry of Statistics and PI) organised by MHRD, India.