

MUSKAN PANDEY

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EDUCATION

MIT Academy of Engineering, Pune

August 2017 - May 2021

B. Tech. in Computer Engineering

- Overall GPA: 9.14 (Out of 10).
- Won the 'MAESTRO- Student of the Year' award for the outgoing batch of 2021.

EXPERIENCE

Locobuzz

July 2020 - August 2020

Data Science Consultant

Remote

- Worked on data mining of various social media platforms and visualization of data for some FMCGs like Dettol, etc.
- Developed algorithms from scratch for effective analysis and their representation.

Augle A.I.

May 2019 - July 2019

Computer Vision Intern

IIT Bombay

Worked on various machine learning and deep learning algorithms involving:

- Pedestrian Detection, Recognition and Tracking.
- Optical Character Detection and Recognition.

PROJECTS

Social Media Community

September 2020 - March 2021

Technical Skills: Python, Data Mining, Data Analytics, Visualization

[\[Link\]](#)

- An optimized approach to enhance the current social media analytics algorithms for effective clustering and advertising.
- The data from social platforms was mined, parsed, pre-processed, categorically identified and presented with relevant cluster-network relationships.

S.H.A.D.E

January 2020 - March 2020

Technical Skills: Python, Deep Learning, Computer Vision

[\[Link\]](#)

- System for Human Authentication in Dynamic Environment is a deep learning based project designed for contactless authentication of humans in an environment with restricted access.
- Recognition on the basis of facial and gait recognition.
- The project was selected for the semi-finals of Smart India Hackathon 2020.

PUBLICATIONS

Social Media Community Using Optimized Clustering Algorithm

Springer Publication (Submitted and accepted in the conference.)

S.H.A.D.E: System for Human Authentication in Dynamic Environment

March 2020

International Journal of Engineering Research & Technology

[\[Link\]](#)

SKILLS

Programming Languages C++, Python, C, Java, SQL

Frameworks Tensorflow, PyTorch, Angular, Oracle 10g

Tools GitHub, Linux, Firebase

LINKS

- codechef.com/users/muskanpandey
- leetcode.com/13muskanp/