Mayank

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https://github.com/mayank

EXPERIENCE

GitAll, Delhi— *Software Engineer*

Jul. 2018 – Sep. 2018

Backend Web Development using Django in Python.

- Database Designing and creating various features on Gitall's website.
- Developing and updating search using Elasticsearch, And Connecting it with website Frontend.

Guavus, Gurugram— *Engineering Intern*

Feb. 2020 – PRESENT

- Learn and develop tools around technologies like python, prometheus, and grafana.
- Development of system analysis tools.
- Creating CI/CD pipelines.

EDUCATION

Maharaja Surajmal Institute of Technology, Delhi — *B.Tech*

JULY 2016- PRESENT

- Maintained CGPA of nearly 8.8 till 6th sem.

Udacity, Nanodegree: Deep learning

- Created Multiple Neural Networks using PyTorch, Keras.
- Convolution NN and RNN, LSTM, etc.
- Transfer Learning, Model Deployment, and maintenance.

PROJECTS

Style Transfer Using Transfer Learning — *It generates an image by combining the style and content of 2 different images.*

Handwritten Mathematical Expression Recognizer—*Uses basic CNN as encoder and attention Network as decoder to generate its MathML.*

YelpCamp — *YelpCamp is a website where users can register to view, comment or add their favorite camping sites.*
Technology Stack: NodeJs, Express, MongoDB(MEN)

File Recovery Software — *Tool to recover deleted files from harddisk using forensic principles.*
Technology Stack: C++

SKILLS

- Deep Learning: PyTorch
- Computer Vision, Image Manipulation and Data Augmentation.
- Docker, CI/CD.
- Prometheus, Grafana.
- Django, NodeJs, Flask(Web Development)
- Frontend: HTML, CSS, PaperJs, HowlerJs, P5Js, PhaserJs.
- DBMS: SQL, MongoDB.
- Paper Implementation and testing new algorithms.

PROGRAMMING LANGUAGES

- C++
- Python
- Java
- JavaScript

ACHIEVEMENTS

- ACM–ICPC 2019 selected for Amritapuri.
- Codevita ranked under 2000.
- Been Under 1500 twice continuously in Google Kickstart.
- 1496 rating on codeforces.
- Green on topcoder.