SARTHAK SRIVASTAVA

DTU/2K16/CO/275

sarthaksri712@gmail.com
+91 9205916482
sarthakdtu.github.io
linkedin.com/in/sarthaksrivastava712
github.com/sarthakdtu

Computer Engineering Student and Machine Learning and Backend Development Enthusiast

EDUCATION

B.Tech. (Computer Engineering)
Delhi Technological University, Delhi
08/2016 – Present *CGPA :8.26*

AISSCE (Class XII)
Bal Bhavan Public Sr. Sec. School, Delhi
2015 – 2016 *96%*

AISSE (Class X)
Bal Bhavan Public Sr. Sec. School, Delh
2013 – 2014 *CGPA: 10*

WORK EXPERIENCE

Software Developer Intern
Triginta Technologies Pvt. Ltd.
06/2019 – 07/2019 *Noida*

Tasks
- Created REST API views and Serializers for analyzing student's test performance and teacher's sales on the platform and implemented the views and API using Django Rest Framework.
- Created a student simulator script using Python for simulating many students attempting tests in a real test environment and used the generated data for testing the platform and APIs.

Machine Learning Intern
Truring Softek Pvt. Ltd.
02/2019 – 02/2019 *Gurugram*

Tasks
- Developed a Convolutional Neural Network architecture, implemented it using Tensorflow, Keras and OpenCV and trained the model to recognize damaged roads on the basis of cracks and potholes.

POSITION OF RESPONSIBILITY

Engifest DTU 2017
Coordinated with participants of Engifest to ensure smooth conduct of the fest activity. Handled participation invites and communicated with the participants.

SKILLS

C++ | Python | Django | Scikit Learn | Django Rest Framework | Tensorflow | Keras | Git | Data Structures | Algorithms

ACADEMIC PROJECTS

The ByteNet- A Social Networking Website
- Created a social networking website using Django and Bootstrap with functionality to send and accept friend requests, create posts and tag friends on posts.

Youtube Spam Comments Classification
- Created a Naive Bayes Classifier using Python to classify "spam" comments on the YouTube comments section.
- The model was trained on 2000 comments on different YouTube videos and got an accuracy of 99.3%.

Instagram Glasses Filter
- Implemented face recognition model in Python and Keras to track facial features and used them to add sunglasses on the face of the user in real-time.

Relational Database For Delhi Metro
- Created a replica database of DMRC and implemented it using MySQL to simulate and understand the working and flow of Delhi Metro's database with the help of entity-relationship diagram and relational models.

CERTIFICATES

Cognizance-Machine Learning Course by Coding Ninjas

Programming with Python
Coursera (100%)

Python Data Structures
Coursera (100%)

Using Python to Access Web Data
Coursera (100%)