



Soham Das

Professional Profile

An engineer who brings fresh ideas from all areas of Machine Learning. I am versatile, a team player & want to take on new problems across the full-stack as the world continue to push technology forward.

Get in touch!

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Relevant Websites:

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www.kaggle.com/sohamdas08

www.drivendata.org/users/soham_das08

Professional skills

- Data Preprocessing
- Data Visualization
- Feature Engineering
- Predictive Modeling
- Data Analysis
- Computer Vision
- Natural Language Processing
- Relational Databases
- Non-Relational Databases
- Data Streaming

Frameworks

- Python
- SQL
- Seaborn
- NLTK
- Sci-kit Learn
- XGBoost
- LightGBM
- Tensorflow
- OpenCV
- PySpark
- Cassandra
- GCP

Accomplishments

- 6th in NEC Environment Hackathon out of 1400 registered teams
- Data Science Competition -30th out of 1600+ competitors in Hateful Memes Challenge by Facebook AI (ongoing).
- SIH'20 Institute Level Winner

Work Experience

Machine Learning Engineer

Pical Networks Private Ltd. | June '20- Present

- Facial Feature extraction on large scale images.
- Deep learning Multi-label (classification+regression) modeling.
- Business Analytics and feature aggregation.

Machine Learning Intern

Codespeedy Technology Private Ltd. | June '20 - August'20

- Coding Computer Vision mini-projects using Tensorflow.
- Worked on Big Data Projects on Apache Spark and Map-Reduce methods.
- Coding Relational Database handling for Machine Learning.

Academic History

Bachelor of Technology | Computer Science Engineering

Netaji Subhash Engineering College | Aug 2018 - Aug 2022

GPA : 7.6

Higher Secondary

Aditya Academy Secondary (CBSE) | Aug 2018

Percentage : 87

Projects

- Real-time tweets analysis using Spark Streaming and Tweepy
- Image Classification Using CNN and Transfer Learning.
- Audio Classification Using CNN and MEL Spectrogram .
- Garbage Classifier Using OpenCV and CNN for SIH'20.
- Sentiment Analysis using LSTM and BERT as pretrained model for Hateful Memes Challenge'20.

Certifications

- Big Data Specialization By University of Michigan
- Deep Learning Specialization By deeplearning.ai
- TensorFlow in Practice Specialization By deeplearning.ai
- Applied Data Science with Python Specialization By University of Michigan
- Machine Learning Fundamentals with Python (SKILL TRACK) By DataCamp
- Intermediate ML: TensorFlow on GCP By Google Cloud Platform

Personal skills

- Creative spirit
- Versatile
- Organized
- Time management
- Team player
- Fast learner
- Motivated

Languages Spoken

- English
- Hindi
- Bengali