Saurabh Malviya

B.Tech. Electrical Engineering, IIT Roorkee
UG(III Year II Semester)
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Registration No: B.Tech./EE/14115108/2017

Indian Institute of
Technology
Roorkee

AREAS OF INTEREST-

Machine Learning, Data Analysis.

SKILLS -

Machine Learning, Python, Data Analytics using python (lib numpy, pandas, scikit-learn), Data Visualization, C++/C, Django, Web Scraping using Scrapy, HTML, CSS.

TRAININGS AND COURSES TAKEN-

- **The Analytics Edge** | edX (Online)   Aug 2016 - Oct 2016
  Learnt implementation of machine learning algorithms to perform data analytics using R.

- **Machine Learning** | Coursera (Online)   May 2016 - Jul 2016
  In this course I learnt how machine learning algorithms are built.

- **Data Structure** | IIT Roorkee   July 2016-Nov-2017
  Studied various data structures and algorithms used.
- **Intro to Statistics** | Udacity   On-going
  For the purpose of building better concepts of statistics and probability.

INTERNSHIPS -

- **Hadoop | iYogi (Gurgaon)**   May 2015 - Jun 2015
  Worked on Hadoop MapReduce framework to process a large amount of data. Installed and configured hadoop multinode cluster.
- **Backend Development | Kither (Indore)**   May 2016 - Jul 2016
  Wrote programs in python to fetch data from facebook's API and generate stats and graphs about users activity

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PROJECTS-

- **Machine Learning for Predictive maintenance of Industrial machines.**   On going
  Using machine learning with IOT to predict the breakdown in electrical machines.

- **Performance Analysis of machine learning algorithms to classify digits.** Dec 2017
  Applied algorithms on python to classify handwritten digits using data obtained from MNIST and studied their performance.

- **Sentimental analysis of Amazon Food reviews.**   Jan 2014
  Used NLTK for natural language processing of user reviews and classifying them as positive or negative.

EXTRACURRICULARS AND ACHIEVEMENTS-

- Executive member SIIRD, IIT Roorkee.
- Branch Representative, Cognizance
- Football player (Department Team)
- Qualified JEE-Advanced 2014 with AIR 4670.
- Won consolation prize in Big Reveal a data Analysis event organised by FuzzyLogix
- Ranked amongst top 100 in 'Analyse This', a data analysis competition organised by American Express.