

Mohit Sharma

Undergraduate Student B.tech in Mathematics & Computing
Delhi Technological University formerly known as DCE
Web development Head at MACS Society, DTU
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PROJECTS:

Project on Intrusion Detection using Neural Network
Under Dr. Naokant Deo(Assistant Professor, Department of Applied Mathematics) **Using Backpropagation Algorithm.**

San Francisco crime classification using L-2 regularized logistic regression Under Ms. Indu Singh(Assistant Professor, Computer Engineering Department)
using R's Liblinear package to implement an L2-regularized logistic regression model to classify of each crime on the basis of - Month - Day of week - Hour of day - Location.

Automatic Essay Scoring(AES) using python 2.7.9
Using Python 2.7.9, Natural Language Toolkit, Text Mining, xlrd, xlwt, re, numpy, scipy. **Python Utilities** for tokenizing and NLTK libraries for part of speech extraction. **PyEnchant** used for spelling checker. **Evaluation** using **Pearson Correlation(r)**, **Mean Absolute error(MAE)** and **Quadratic Weighted kappa(K)**.

Multinomial Logistic Regression on Tuberculosis Data in R
Parameter estimation: Maximum Likelihood Estimator & Gradient Based Optimization. Evaluation: Hosmer–Lemeshow test

Offline banking System
Language: Java, Java database connectivity(JDBC).
Database: MYSQL and ORACLE both
Platform: Linux Ubuntu 15.10

Project on Prediction of Real Estate prices
Using Decision tree and improved its accuracy using random Forest
Language: R

INTERSHIPS

Wilderness films Pvt. Ltd (Dec 25, 2015 - Jan 27, 2016)
Job profile: Web developer.
PHP codeIgniter platform to built the website clipahoy.com.
Wordpress platform to built websites like chowstreet.com, asianmiracle.com, himalayanflowers.com, Indianmiracle.com and viewngo.com.

Digimpack Mobilytics (21th june, 2016 - 24th july, 2016)
Job profile: Web developer **digimpack.org**
Hap9 (Jun 19, 2016 - July 30, 2016)
Job profile: Web developer **hap9.in**.

EDUCATION

Degree	Institute	Aggregate
B.tech (till 4th sem)	DTU	77.75(SPI)
12th	R.P.V.V no 1	86.8%
10th	R.P.V.V no 1	95%

SKILLS

Languages: Java (Proficient), C++ (Proficient), C (proficient), R(Proficient), PHP(moderate), JavaScript(Moderate), Node.js(familiar), HTML, CSS, Python(familiar), MySQL(moderate).

Technologies: Linux, OS, MATLAB, Git, CodeIgniter, PHP, Wordpress, Eclipse, IntelliJ IDEA, RStudio, SPSS, Visual studios, VMWare.

Packages: MS Office, Openoffice.

Platforms : Linux, Windows, Mac.

AWARDS

- Ranked 99.37 percentile in JEE MAINS 2014 and JEE Mains rank 22127 All India.
- Selected in IIT-JEE Advance(among 150000 students appeared for the same test).
- Participated in ACM ICPC(Amritapuri region) and got 723 rank in Asia Pacific region.
- Winner Indira Academic Achievement Award, State level Quiz competition, National Level Children Science conference, Jawaharlal Nehru State level Extempore Competition
- Selected for Abhayanand Super 30 for free 11 month residential coaching.