SHREYAS NIMISHE

An Algorithm geek and a Machine Learning enthusiast

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🔗 github.com/shreyas-nimishe   📍 Dhanbad

EDUCATION

Integrated M.Tech in Mathematics & Computing   (Currently 3rd Year)
Indian School Of Mines, Dhanbad

GPA
7.86 / 10.0

Higher Secondary exam (Maharashtra State Board)
Jupiter Junior Science College

74.5 / 100

Secondary Board Exam (CBSE)
NEERI Modern School

9.8 / 10.0

ACADEMIC INTERESTS

✔ Machine Learning	🔍 Graph Theory	✔ Algorithms

SKILLS

C/C++

Python

Git

BASH

SQL

EXPERIENCE

Software Development Intern

TextNook
📅 Dec 2015 - Jan 2016   📍 Bangalore

Skills: Python | Xpath | Git | Machine Learning

- Wrote Web Crawlers using BFS to extract data from websites, using Xpath to query web pages.

- Built a classifier using Machine Learning for classifying books into pre-existing categories.

- The classifier achieved an accuracy of 95.3% upon cross validation.

PROJECTS

Hand Written Digit Recognition

Skills: Python | Git | Machine Learning

- Built a digit recognizer which achieved accuracy of 96.67% on 28*28 images using MNIST data on kaggle. Created new features such as total pixels, filled columns which led to better results.
- Used Python library pandas for data analysis and visualization and scikit-learn for fitting models and cross validation.

Desktop Application

Skills: Bash | Python | Git | Xpath

- Created a desktop application for gtk using python modules gtk & appindicator. Used shell scripting to auto start the application in Linux environment.
- The app scraped quotes off the internet and randomly displayed quotes as notification. The application also displayed notification scraped from ism website.

ACHIEVEMENTS

ODE DE CODE 2.0
Stood 3rd in ODE DE CODE 2.0
(Algorithmic Coding Contest).

ALGORITHMIC CODING (in C/C++)
=> Codeforces: Rated Expert with rating 1678.
=> SPOJ: Solved >300 problems and ranked 650 overall.
=> Codechef: Ranked ~600 worldwide.

EXTRACURRICULAR

Head
SIAM Coding Cell
🗓 Aug 2014 - Oct 2014
Taught Data Structures & Algorithms under the banner of SIAM Coding Cell.

Organizer
MIND FUZZY
🗓 Oct 2014 - Oct 2014
Organized a maths quiz event in Concetto'14, the annual tech fest of ISM, Dhanbad.

Gold Medallist
Annual Sports Meet, ISM Dhanbad
🗓 Jan 2014 - Jan 2014
Won individual Gold medal in 1500M race at the annual sports meet 2014. Also, won 2 Silver & 1 Bronze in relay races.