

SHREYAS NIMISHE

An Algorithm geek and a Machine Learning enthusiast

+91 - 900 651 8897
github.com/shreyas-nimishe

shreyas.nimishe@gmail.com
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



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 & used 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.
-

Wave Propagation

Skills: Numerical Methods | Differential Equation

- Working on a research paper under the guidance of Dr Abhishek Kumar Singh.
 - Used Mapplesoft (Mathematical Tool) for graph plotting & numerical methods for solving complex differential equations.
-

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.
