SHREYAS NIMISHE

An Algorithm geek and a Machine Learning enthusiast

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📍 **Dhanbad**

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.

EDUCATION

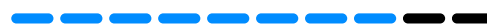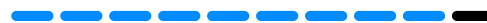|	
Integrated M.Tech in Mathematics & Computing (Currently 3rd Year) **Indian School Of Mines, Dhanbad**	GPA **7.86** / 10.0
Higher Secondary exam (Maharashtra State Board) **Jupiter Junior Science College**	**74.5** / 100
Secondary Board Exam (CBSE) **NEERI Modern School**	**9.8** / 10.0

SKILLS

C/C++

Python

Git

SQL

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 (1678)
=> SPOJ: Solved >300 problems and ranked 650 worldwide.
=> 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.

EXTRACURRICULAR

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.