# SHREYAS NIMISHE

### An Algorithm geek and a Machine Learning enthusiast

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- Ohanbad

# **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)

GPA

**Indian School Of Mines, Dhanbad** 

**7.86** / 10.0

Higher Secondary exam (Maharashtra State Board)

**74.5** / 100

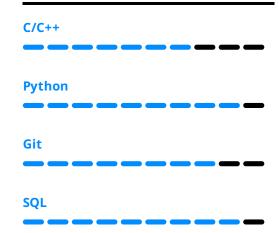
**Jupiter Junior Science College** 

Secondary Board Exam (CBSE)

**NEERI Modern School** 

9.8 / 10.0

### **SKILLS**



### **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**

d Oct 2014 - Oct 2014

Organized a maths quiz event in Concetto'14, the annual tech fest of ISM, Dhanbad.