

SHREYAS NIMISHE

An Algorithm geek and a Machine Learning enthusiast

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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

SKILLS

C/C++ Python
Git SQL

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.

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.

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 rating)
=> 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.