

Vishva nath Dutt Sharma

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EDUCATION

NATIONAL INST. OF TECH. DURGAPUR

BTECH, INFORMATION TECHNOLOGY
Expected July 2019 | India
GPA: 8.05/10

RLB MEM. SR. SEC. SCHOOL

2011 - 2014 | Lucknow, India
CBSE • 12th : 92.2%
CBSE • 10th : 10/10

LINKS

Github:// vishvanath45
Codeforces:// v_ns Rating - **Specialist**
Codechef:// v_ns Rating - **4 Star**
LinkedIn:// vishvanath

COURSEWORK

UNDERGRADUATE

- Data Structure and Algorithms
- Computational Mathematics
- Operating Systems
- Computer Networks

ONLINE

- Machine Learning Nanodegree, Udacity*
 - Privacy and Security in Online Social Media by Prof. P. Kumaraguru, IIITD, NPTEL
 - Intro to Machine Learning by Prof. Andrew Ng*
- (*Ongoing)

SKILLS

PROGRAMMING

Over 5000 lines:
C • C++ • Python • Matlab
Over 1000 lines:
Shell • JavaScript

TOOLS

- Octave • Flask • Django
- MATLAB • Git • Reddit API
- Facebook Graph API • Twitter API

PROJECTS & DEVELOPMENT

PRECOC, IIIT DELHI | INTERNSHIP

May 2018 – July 2018 | New Delhi, India

- Research Intern under guidance of Prof. Ponnurangam Kumaraguru, worked on detection of **Leakage of Sensitive Information on Social media** using Machine Learning Technique, worked on Unsupervised Learning models.
- Worked on both FrontEnd and BackEnd of application, wrote production level code for deployment of service.
- Technologies used : Clustering, Flask, MongoDB, Python, Bootstrap, JS, Ajax.

GREATFOUR SYSTEMS | INTERNSHIP

Dec 2017 – Jan 2018 | Hyderabad, India

- Worked on document similarity analysis to process legal/medical/finance/bank documents to find out the modifications done between consecutive versions for prediction of correct order and arrangement of the pages in the final draft, using python, these application were ready to be implemented at any client system.

CODECHEF VIRTUAL CONTEST | ALIBABA-CODECHEF HACKATHON

Aug - Sept 2018

- Developed a full stack website from scratch, which helps to replay past Competitive programming contests in a simulation as they were held in real time. **Won 2nd prize globally.**
- Used Flask, MongoDB, Bootstrap, Codechef's API, Jinja, JS

MACHINE LEARNING NANODEGREE | UDACITY

May-June 2018

- Developed a machine learning model using concepts of statistical analysis with scikit-learn model evaluation functions like f1_score, r2_score, etc. to predict Boston Housing Prices.
- Made decision function(based on Decision Tree approach) that attempts to predict survival outcomes from the 1912 Titanic disaster based on each passenger's features, such as sex and age. Used Numpy and pandas, and got an accuracy of 80.81%

ACTIVITIES

2017/11	ACM-ICPC	Ranked 312 among 3000 teams.
2017/11	PSOSM on NPTEL	Was under Top 1% among 200 people who took the course, Ranked 2 overall.
2017/01	GSoC Heat	Worked on Fearch:A chrome extension for searching files over FTP during an open source contribution event conducted by the FOSS Society of my College.

SOCIETIES

2016*	RECursion	Being a member of the programming club of college, I taught and organized programming contests for 1st and 2nd year Undergraduate Students to initiate them into Competitive Programming.
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