

Pranjal Jain

COMPUTER SCIENCE AND ENGINEERING UNDERGRADUATE

61, New Akashwani Colony, Kota-324001, Rajasthan, India

☎ (+91) 7597836962 | ✉ pranjal.jain.cse15@iitbhu.ac.in | 🏠 praran26.github.io | 📱 praran26 | 📺 praran26

Education

Indian Institute of Technology Varanasi

BACHELORS IN COMPUTER SCIENCE AND ENGINEERING

Cumulative Performance Index, CPI: 8.30/10.00

Varanasi, India

July 2015 - PRESENT

Skills

Programming Python, C, C++, Bash, Golang, SQL

Frameworks and Utilities Git, Boost, Numpy, Scipy, Matplotlib, Sklearn, CUDA, OpenMP, Django, Flask, ElasticSearch

Projects

Nutanix

INTERN, MEMBER OF TECHNICAL STAFF

Bengaluru, India

May 2018 - July 2018

- Worked with NCC team to automate testing for run all collector and enhanced it to collect more data items.
- Created a dashboard on top of the existing Flex UI platform to filter out documents from the data collected using the log collector.
- Exposure: Golang, Protocol Buffers, Python, ElasticSearch

Scale-free Sparse Matrix Multiplication using Heterogeneous Computing

IIT (BHU) Varanasi

COURSE PROJECT

January 2018 - April 2018

- Implemented an algorithm to compute scale-free sparse matrix multiplication on GPU and CPU in parallel.
- Observed 10x speed up as compared to the serial counterpart.
- Exposure: CUDA, Thrust library, OpenMP

Online Judge

IIT (BHU) Varanasi

COURSE PROJECT

July 2017 - November 2017

- Implemented an application to test programs in programming contests and post blog or comments.
- Used third normal form to reduce redundancy in database.
- Exposure: MySQL

Comparison of Machine Learning techniques for predicting credit card defaults

IIT (BHU) Varanasi

EXPLORATORY PROJECT, PROF. SANJAY K. SINGH

January 2017 - April 2017

- Implemented various Machine Learning algorithms like Logistic Regression, k-Nearest Neighbors, Naive Bayesian, Decision Trees and applied them on a data set.
- Exposure: Machine Learning algorithms, Python Libraries - Numpy, Scipy, Sklearn, Matplotlib

Achievements & Scholarships

2018-19 **3rd Place**, ACM-ICPC Asia Kolkata-Kanpur Regionals

Kolkata, India

2018-19 **5th Place**, ACM-ICPC Asia Kharagpur Regionals

Kharagpur, India

2017-18 **3rd Place**, ACM-ICPC Asia Kolkata-Kanpur Regionals

Kanpur, India

2017-18 **6th Place**, ACM-ICPC Asia Amritapuri Regionals

Coimbatore, India

2018 **151st Place**, Google Distributed Code Jam

2018 **244th Place**, Facebook Hacker Cup

2018 **1st Place**, Humblefool Cup, IIIT Allahabad

Allahabad, India

2017 **1st Place**, Insomnia, MNNIT Allahabad

Allahabad, India

2017 **2nd Place**, Topcoder Collegiate Cup, India

Bangalore, India

Relevant Courses

- ITW - 1 (Bash Scripting and Python)
- ITW - 2 (Basic Networking, SQL and Tkinter)
- Artificial Intelligence
- Database Management System
- Software Engineering

- Probability and Statistics
- Data Structures
- Algorithms
- Intelligent Computing
- Theory of Computation

- Computer System Organization
- Operating Systems
- Discrete Mathematics
- Computer Graphics
- Parallel Computing