PRANAY RANJAN

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Scholar No. - 131112063
Final Year, Bachelor of Technology
Department of Computer Science and Engineering
Maulana Azad National Institute of Technology(MANIT), Bhopal

COURSE	INSTITUTE	TIMELINE	CGPA/%
B. TECH.	MANIT, BHOPAL	2013-2017	8.15 CGPA
INTERMEDIATE	CHS (BHU), VARANASI	2011-2013	93%
MATRICULATION	DAV, CHITRA, DEOGHAR	1999-2011	10 CGPA

TECHNICAL SKILLS

C, C++, Data Structures & Algorithms, MySQL, Python, Matlab

INTERNSHIP

- **SAP Labs (Bangalore)** (13 Feb 2017– 16 June 2017)
  I was working in Platform UI Commons team.

PROJECTS

- **Ensemble Pruning on ELM using genetic algorithm** (Feb-April 2016)
  Guide : Dr. Sanyam Shukla
  Implemented genetic algorithm using matlab to prune a majority voting based ensemble of Extreme Learning Machines (ELMs) and compared the results of pruned ensemble and ensemble without pruning.

- **Ensemble Pruning on ELM using PSO** (May-June 2016)
  Guide : Dr. Sanyam Shukla
  Applied Particle Swarm Optimisation (PSO) as a pruning algorithm using matlab.

- **Spam Filter using SVM and Handwritten Digit Recognition using NN** (Dec 2015)
  Built a spam classifier using Support Vector Machine (SVM) on public assassin corpus dataset and handwritten digit recognition using Neural Network (NN) on MNIST dataset as a part of Stanford University Machine Learning course at Coursera.

- **Web Scraper to fetch result from MANIT website** (January 2016)
  Scraped semester results of all the students of a branch and saved them into a file using python. Results can further be sorted to obtain rank.

- **Azad-1 (Satellite project of MANIT)**
  Guide : Dr. Shailendra Jain

Azad-1 is nano-satellite project of the institute. I am a member of On Board Data Handling(OBDH) subsystem.

ACHIEVEMENTS

- Qualified for ACM ICPC 2016 Amritapuri regional (onsite) and secured rank 109/400
- Qualified for ACM ICPC 2016 Kolkata regional(onsite) and secured rank 49/100
- Active on github , spoj , codechef , codeforces and hackerrank
- Ranked 10 in MANIT on SPOJ Hall of Fame
- Completed Stanford University Machine Learning course at Coursera
- Completed Python web data extraction course by University of Michigan at Coursera
- Represented school in NSO and IMO

INTERESTS
Competitive Programming, Cricket