Shashank Giri

Third Year Undergraduate

Department of Computer Science and Engineering

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Education

Institute	Board / Branch	Result	Time
Indian Institute of Technology, Indore	B.Tech, Computer Science and Engineering	CPI – 9.13/10	July,2016 - Present
City Montessori School, Gomti Nagar,Lucknow	ISC	96.25%	2014-2016
City Montessori School, Aliganj, Lucknow	ICSE	96.20%	2003-2014

Awards and Achievements

Scholastic Achievements

- Secured AIR 1361 in Jee-Advanced among almost a million aspirants.
- Qualified Kishore Vaigyanik Protsahan Yojana(KVPY) conducted by IISc Bangalore.
- Qualified National Talent Search Examination(NTSE), 2014 conducted by NCERT.

Other Awards and Achievements

- Qualified the online round of **ACM ICPC** 2018 (active member of the team) securing All India Round of 57 (among some 3000 participating teams all over India.)
- Competed in ICPC regionals at two sites securing 16 rank in Kanpur Regionals and 39 in Amritapuri regionals among some 150 participating teams in each.

Projects

Text Compression Algorithms

Supervisor: Prof. Kapil Ahuja   *Mar,2018 - Apr,2018*

- Wrote compression Algorithms(Huffman Coding mainly) (from scratch) for text data in c++.
- Was able to reduce the size of text file upto 1.7 times.

E-learning Site

Supervisor: Prof. Aruna Tiwari   *(Sept,2017-Nov,2017)*

- Full stack web development (from scratch) of an e-learning site.
- Was able to integrate a lot of features required in a traditional e-learning site.
- Some additional features were discussion forum, feedback, evaluation quizzes.

Software Development

Supervisor: Prof. Abhishek Srivastava (Feb,2018-Apr,2018)

- Developed an integrated software for automating one of the experiment done in Physics lab.
- Used LabView tool for development.
- Was able to fully deliver the working software which fulfilled the needs of the client.

Other Skills-

Reinforcement learning-   (May,2018-June,2018)

- Learned and tested various techniques used in reinforcement learning.

Multiarmed Bandits.

Technical Strengths

Computer Languages: C/C++, Python, Java.

Skills: Full Stack Web Development , NodeJs , Sql database (mysql),no sql database (mongodb)

Relevant Courses Undertaken

Computers: Computer programming, Design and Analysis Of Algorithms, Data Structures, Theory Of Computation, Software Engineering, Database Management System.

Maths: Numerical Methods(Interpolation), Discrete Maths, Complex Analysis, Partial Differential Equations, Intro to Calculus & Ordinary Differential Equations.

Campus Activities

Organized workshops in the campus regarding algorithms,data structures.
Designed questions for college sponsored contests on codechef, hackerrank.