Curriculum vitae

PERSONAL INFORMATION **Shaurya Gupta**

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Gender Male | Date of birth 25 Dec 1998 | Nationality Indian

EDUCATION AND TRAINING

2016 - 2020	Bachelor of Technology in Computer Science and Engineering
8.68 / 10.0	Indian Institute of Technology Patna, India

- Sub-Coordinator, NJACK(Computer Club)
- Conducted classes on Algorithms and Data Structures with my ACM-ICPC team
- Problem-setter, ByteRace (Annual Coding Contest held during Technical fest)

ACHIEVEMENTS

ACM-ICPC World Finals   Member of team ButterRoti that qualified for **ACM-ICPC World Finals**. To be held in Beijing, China in April 2018.

Competitive Programming
- Codeforces: Highest Rating: 1981 (Purple)
- TopCoder: 6th in Topcoder Collegiate Contest - India 2017
- Codechef: Highest Rating: 2130 (Yellow)
- HackerEarth: 31st in IndiaHacks Programming Finale (11th in India)
- CSAcademy: Highest Rating: 1831 (Yellow)

KVPY 2016   Recipient of Kishore Vaigyanik Protsahan Yojana (KVPY) Scholarship

JEE Advanced 2016   Secured 99.03 percentile among 0.2 million candidates

PROJECTS

Crime Predictor   Using Machine Learning to predict crime and allocate law enforcement resources. (2018-Ongoing)

MyRating   Web app written in Django for viewing competitive programming ratings in one place. (2017)

Maze Generator   Implemented various maze generation algorithms in C++. (2017)

COURSEWORK

Computer Science   Programming and Data Structures + Lab, Algorithms + Lab, Switching Theory + Lab, Innovation Design Lab

Mathematics   Linear Algebra and ODE, Real and Complex Analysis, Partial Differential Equations, Discrete Mathematics, Probability Theory, Computational Topology

Personal Coursework   Introduction to Haskell (CIS 194), Statistics 110: Probability (Harvard), Machine Learning (Coursera)

SKILLS

Working Knowledge   C, C++, Python, Haskell, Bash, JavaScript, LaTeX, GNU Octave

Frameworks and Tools   Django, Vim, CMake, Git