

Shaurya Gupta

Education

- 2016–Present **B.Tech in Computer Science and Engineering**, *Indian Institute of Technology Patna*, 8.55/10.
2014–2016 **Senior Secondary, CBSE**, *SGHMS*, Chandigarh, 91.6%.

Work experience

- Summer, 2018 **Tech Intern, D.E. Shaw India**, Hyderabad.
Worked on *Efficient Information Retrieval from SEC Filings*.

Achievements

- ACM-ICPC '18** Member of team ButterRoti which was ranked 56th (out of 140 teams) in **ACM-ICPC World Finals 2018** and 2nd in Asia Kolkata-Kanpur Regional Contest - 2017.
- Competitive Programming
 - o **Codeforces**: Highest Rating: 2074[Violet]
 - o **Codechef**: Highest Rating: 2263[Orange]
 - o **CSAcademy**: Highest Rating: 1831[Yellow]
 - o **TopCoder**: 6th in Topcoder Collegiate Contest India - 2017
 - o **HackerEarth**: 31st in IndiaHacks 2017 Programming Finale (11th in India)
- JEE Advanced Secured 98.74 percentile out of 150,000 candidates.
- KVPY Recipient of Kishore Vaigyanik Protsahan Yojana (KVPY) Scholarship, funded by the Department of Science and Technology of the Government of India.

Courses

- Computer Science Database, Computer Architecture, Formal Language & Automata Theory, Programming and Data Structures, Algorithms, Switching Theory, Innovation Design Lab
- Mathematics Linear Algebra and ODE, Real and Complex Analysis, Partial Differential Equations, Discrete Mathematics, Probability Theory, Computational Topology, Algebra (Ongoing)
- Others Introduction to Haskell (CIS194)

Technical Skills

- Working Knowledge C, C++, Python, SQL
- Past Experience Javascript, Bash, Haskell, Django, GNU/Linux, \LaTeX

Projects

- Linux Shell Implemented a Linux shell from scratch in C.
- Maze Generator Implemented various 2D maze generation algorithms in C++.
- MyRating Django Web App that aggregates competitive programming ratings from different websites.

Position of Responsibility

- 2018–Present Coordinator, Competitive Programming, NJACK(Computer Club). Wrote problems for ByteRace, the annual online coding competition of IIT Patna. Conducted classes on C++ and Competitive Programming for students.