

# 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, 90.6%.

## 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: 2058[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 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, 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

- 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.