Rahul Kumar Tiwary

3rd Year Undergraduate
Department of Computer Science and Engineering
Codeforces: RahulKrT, **Codechef:** RahulKrT

: rahulkrt@iitk.ac.in
: +91 6204818625

Academic Qualifications

Year	Degree	Institute	Result
2018 - Present	B.Tech	Indian Institute of Technology Kanpur	CPI: 8.6
2018	Senior Secondary	Jamshedpur Public School, A.I.W.C (CBSE)	94.6%
2016	Secondary	Jamshedpur Public School, A.I.W.C (CBSE)	CGPA: 10.0

Scholastic Achievements

- Received **Academic Excellence Award** at IIT Kanpur for the academic session 2018-19 odd semester
- Secured an **AIR–122** in IIT – Joint Entrance Examination Advanced 2018 amongst about **0.2 million candidates**
- Secured an **AIR–22** in IIT – Joint Entrance Examination Mains 2018 with a score of **335/360** and emerged as the **State Topper** with a national participation of approximately **1.1 million candidates**
- Secured **National Top 1%** in National Standard Examination in Physics and Chemistry 2017 thus qualifying for **INPhO** and **INChO**
- Secured **AIR–432** in Kishore Vaigyanik Protsahan Yojana (KVPY) 2016 aimed at encouraging students to take up research careers in the area of basic sciences
- Cleared the first round of **Indian Statistical Institute(ISI) Kolkata** entrance test in the year 2018 in **B.Math** applications.
- Secured **State Top 1%** in National Standard Examination in Junior Science(NSEJS) 2014

Experiences and Interests

- **Skills:**
  - ***Competitive Programming:*** Codeforces–**Expert**(Currently *1624*), Codechef–Current 3 star(*1646*)
  - ***Machine Learning***, ***Deep Learning***, ***Reinforcement Learning***
- **Languages:** C/C++, Python, SQL, MATLAB, HTML5, CSS, Javascript, Bash, LEXX, YACC
- **Utilities:** Numpy, NodeJS(Express), MatPlotLib, AutoCAD, Autodesk Inventor, LaTeX

Relevant Coursework

Data Structures and Algorithms	Discrete Mathematics	Computer Organization
Fundamentals of Programming	**Real Analysis and Calculus**	**Introduction to Electronics**
Machine Learning(Coursera)	**Logic for Computer Science**	**Computational Methods**
Linear Algebra and Ordinary Differential Equations	**Fundamentals,Reinforcement Learning(Coursera)**	**Deep Learning and Neural Networks(Coursera)**

Positions of Responsibilities

- **ACADEMIC MENTOR** (*Aug'19-May'20*)
  - Providing Academic support to students in **MTH101/102(Real Analysis and Advanced Calculus/Linear Algebra and Ordinary Differential Equations)** by conducting remedial classes, one-to-one mentoring and doubt classes
  - Designing study material to be discussed in the classes conducted by the **COUNSELLING SERVICE**
- **JUNIOR EXECUTIVE, TOSC** (*Sep'18-Oct'18*)
  - Served as a Zonal Manager in **Techkriti Open School Championship(TOSC)**
  - Helped smooth conduction of the exam in my hometown Jamshedpur for the very first time which witnessed a staggering participation of about 500 participants.

Extra-Curriculars

- Stood **1st in Essay Competition** organized by Tata Steel on how to practice sustainable development and conserve energy
- Received Certificate of Excellence for the **PCRA Fuel Saving League** organized by the Ministry of Petroleum and Natural Gas, Government of India in 2015
- Represented school for Inter School Quiz Competitions and won many as well