Rohit Ranjan

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EDUCATION	**Indian Institute of Technology Kanpur**, India	
	■ B. Tech in Computer Science and Engineering	Jul 2018 – Present
	• Cumulative GPA: 9.5/10.0	
	Krishna Public School, Patna, India	
	■ Class XII	Apr 2016 – Mar 2018
	• Percentage: 92%	
	Jawahar Navodaya Vidyalaya, Deoti, Saran	
	■ Class X	Apr 2011 – Mar 2016
	• Cumulative GPA: 10.0/10.0	

AWARDS & SCHOLARSHIPS	■ Academic Excellence Award at IIT Kanpur for outstanding academic performance For attaining a semester GPA of at least 9.55.	2018
	■ Samsung Star Scholar For students graduated from Jawahar Navodaya Vidyalaya performing well in IIT's.	May 2018
	■ Chess Tournament, First Prize, Jawahar Navodaya Vidyalaya, Nagaon Awarded at the National Level Meet held at Nagaon , Assam.	Aug 2015
	■ Indian Engineering Olympiad, One time Scholarship For securing AIR 1 in computer science and engineering stream in exam conducted 19th June 2019.	Jun 2019

SCHOLASTIC ACHIEVEMENT	■ Country Rank 782 in JEE(Advanced)-2018 among 150,000 candidates. ■ Country Rank 367 in JEE(Main)-2018 among 1,500,000 candidates. ■ All India Rank 1 in Indian Engineering Olympiad 2019.

CAMPUS ACTIVITIES	**Udghosh**, IIT Kanpur	
	■ Senior Executive, Marketing	Aug 2019
	• Marketing team of **Udghosh** bring sponsors for our annual sports festival.	
	• Contacted various sponsors and convinced them to sponsor our college sports festival.	
	■ Senior Executive, Web	Aug 2019
	• Assisted in smooth functioning of website, uploaded all statistics of match results during fest. • Helped in conduction of online computer based sports quiz during event **NOSSQ** in **Udghosh 2019**. • Built website and registration portal for **Udghosh** where almost 3000 users registered.	

PROJECTS	**Summer Of Code**, IIT Kanpur	
	■ **One Rupee Application**	May 2018 – Jul 2018
	Member of Backend team	
	• It is an app developed for various NGO's in India and for peoples who are really wanted to help NGO's at their level. • Registered User can donate atleast **One Rupee** to NGO's that they wanted to help once in a month. • Backend system developed using django framework and Payment portal built using Paytm's api. • Assisted in building UI of app, pages of app built using react framework.	
	Association for Computing Activities, IIT Kanpur	
	■ **P2P Video Conferencing Application**	Feb 2018 – Apr 2018
	• Implemented Backend System using Python-Flask framework. • User Interface built using HTML, CSS, Javascript. • Registered User can communicate to other Registered user via video call or conference call. Communication System Implemented using Javascript Api WebRTC.	

Science of Technology Council, IIT Kanpur

- **Life@iitk** — May 2019 – Jul 2019
  - It is an application for IITK students where students get notifications of recent upcoming events. Clubs of IITK can post their events that they're going to organise.
  - App shows Map pinned location of live events as well as upcoming events.
  - Helped in building of Backend system of this app using Django - Framework, build user section of application.
  - Build Calendar and Map section of UI using React.
- **Algorithms in Depths** — May 2019 – Jul 2019
  - Studied Graph algorithms(eg. Dijkstra, Prims, Krushkal..) as well as Traversal algorithms (eg. Breath First Search, Depth First Search) and implemented these in C++ .
  - Explored and implemented KMP, Huffman Coding and Disjoint Set Union.

RELEVANT COURSEWORK

- Data Structure and Algorithms
- Computational Methods in Engineering
- Discrete Mathematics
- Linear Algebra
- Fundamentals of Computing

TECHNICAL SKILLS

- **Programming**
  Proficient: C, C++, Python, Matlab
  Familiar: Javascript, HTML, LaTeX
- **Utilities**
  Git
- **Frameworks**
  Django, Flask, React
- **Operating System**
  Windows, Linux