Harshit **Kumar**

Sophomore Undergraduate · Computer Science and Engineering

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Educational Qualifications

Year	Degree	Institution	CGPA/%
July'17 – Present	B.Tech, CSE	Indian Institute of Technology, Kanpur	8.78/10.00
2017	CBSE – XII	RPS Public School,Muzaffarpur	91.4%
2015	CBSE – X	Sunshine Prep./High School,Muzaffarpur	10.0/10.0

Scholastic Achievements

2017	**All India Rank 206**, Joint Entrance Exam Advanced	*India*
2017	**All India Rank 1604**, Joint Entrance Exam Mains	*India*
2016	**National top 1%**, NSEP (organized by IAPT)	*Rajasthan, India*
2016	**State top 1%**, NSEC, NSEA (organized by IAPT)	*Rajasthan, India*

Projects

Summer Of Code by Nutanix and Govt. of UP *IIT Kanpur*

The Lunchbox - Unified Platform for payments and ordering food**{PHP,MySQL,JS}** *May 2018-July 2018*

- Coordinated with a team of 6 people,creating a platform,primarily aimed at promoting transparency in canteen bills and providing way to keep track of expenses(for customers) and sales stats(for canteens).
- Implemented **canteen recommendation algorithm** which compares prices among all the vendors and also shows the order backlog for each canteen therbysuggesting the most convenient place for users to eat.
- Implemented **food recomendation algorithm** which compares food items based on parameters like rating,price,etc.
- Used Prepared statements to prevent the site from SQL injection.

BFS *IIT kanpur*

Association of Computing Activities *Feb,2017 - June,2017*

- Learned basics of BASH, Cryptography and Machine Learning.
- Done assignments in BASH using sed,grep,awk command.
- Built a **Movie Review Categoriser** using Naive Bayes Classifier Technique to classify reviews into positive or negative with an estimated accuracy of **75.1%** on the test data.

Foldable Fussball Table *IIT Kanpur*

Manufacturing Processes *Aug,2018 - Nov,2018*

- Designed a Fussball table which can be folded in the form of Briefcase.
- Compiled a 3D model on AutoCAD and Fusion360 of our project along with various part drawings.
- Wrote project report containing the material required,Parts to be made and Work distribution.

Self-Projects

To learn new concepts

- Created a file searching command in BASH using Recursion in file tree.
- Created a CLI to access data related to NSE stocks in javascript.
- Build a REST Api to perform CRUD operation.

Relevant Courses

Introduction to Programming, Computational Methods in Engineering, Introduction to logic
Calculus and Real Analysis, Linear Algebra and Ordinary Differential Equations, Discrete Mathematics, Probability
Data structure and algorithm(i), Computer Organization(i)
i: In progress

Positions of Responsibility

Company Coordinator   *IIT Kanpur*

Aug,2018-Present

- Coordinated with a 4-tier students placement team of the campus to ensure a smooth conduct of the company placement procedures.
- Facilitated the company officials in conducting their online and offline tests and interviews to help them in shortlisting candidates for the final interview rounds.
- Acted as a mediator between the officials and candidates and conveyed every small detail for both sides

Skills

Programming	C/C++, Python, Matlab, Javascript, BASH
Web	PHP, MySQL, Express.js with Node.js, HTML, CSS, JavaScript
Utilities	Linux shell utilities, Git, LaTeX(basic)
Miscellaneous	Basics of Machine Learning