

Harshit Kumar

SOPHOMORE UNDERGRADUATE · COMPUTER SCIENCE AND ENGINEERING

Indian Institute of Technology, Kanpur

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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

* : till 3rd semester

Scholastic Achievements

2017	All India Rank 206, Joint Entrance Exam Advanced	India
2017	All India Rank 1614, 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

- Actively Contributed as a Full Stack developer with a team of 5 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 thereby suggesting the most convenient place for users to eat.
- Implemented **food recommendation algorithm** which compares food items based on parameters like rating, price, etc.
- Promoted transparency by giving access to customers to see their order history at any date or in a given interval of time.
- Used best practices in PHP to prevent site from security issues like SQL injection.

BFS

IIT Kanpur

ASSOCIATION OF COMPUTING ACTIVITIES

Feb,2017 - June,2017

- Learned basics of BASH, Cryptography and Machine Learning.
- 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.

Self-Projects

EXPLORING SOFTWARE DEVELOPMENT

- Shell Script - Created a file searching command in BASH using Recursion in file tree.
- Nodejs - Created a CLI to access data related to NSE stocks in javascript.
- Nodejs - Build a REST Api to perform CRUD operation.
- Nodejs - Build an web application to scrape the codechef future contest details.

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		

Skills

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

Positions of Responsibility ---

Company Coordinator

IIT Kanpur

STUDENT PLACEMENT OFFICE

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.