

Sanjeev Kumar

Contact

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Skills

- C
- C++
- Python
- Bash
- Linux

Coursework

- Advance Problem Solving
- Discrete Maths & Algorithms
- Scripting & Computer Environments
- Intro to Parallel Scientific Computing
- Statistical Methods in AI
- Optimization Method
- Intro to Neural & Cognitive Modelling
- Information Retrieval & Extraction
- Data Analytics I
- Data Systems

Education

- **International Institute of Information Technology**, Hyderabad
Master of Technology (M. Tech), Computer Science and Engineering
(July'19 – Present) CGPA: 7.68/10.00
- **Guru Gobind Singh Indraprastha University**, New Delhi
Bachelor of Technology (B. Tech), Information Technology
(Aug'15 – July'19) CGPA: 8.43/10.00
- **Kendriya Vidyalaya No 1**, Bikaner (Raj.)
Class XII (Senior Secondary Examination), CBSE
(March'14) Aggregate 80.0%
- **Kendriya Vidyalaya No 1**, Bikaner (Raj.)
Class XII (Secondary Examination), CBSE
(July'12) CGPA: 9.00/10.00

Projects

- **Wikipedia Search Engine**
Implemented a Search Engine based on Wikipedia dump to filter most relevant article titles, ranked by Tf-Idf & based on field independent and field specific queries.
Technology/Tools: Python, API libraries
- **Peer-to-Peer File Transfer**
A torrent-like file sharing program with piecewise selection algorithm for transferring media files along with trackers. Group sharing privileges were also included.
Technology/Tools: C++, C
- **Linux bash shell**
Developed own shell having functionalities of bash shell. Added support for pipes, redirection, history, environment export etc.
Technology/Tools: C++, C
- **A Better Malloc**
Developed a dynamic memory allocation library that keeps track of all allocated blocks and allows user to partially free allocated blocks.
Technology/Tools: C

Miscellaneous

- Secured **704** rank in Google Kickstart 2020 Round-H
- Secured **1594** rank in CodeVita Season 9
- Secured **147** rank in IMU-CET
- **Specialist** on Codeforces (Id:- [_blackhat729](#))
- **1556** rating on Hackerearth