

SARTHAK KAPOOR

FRESHMAN UNDERGRADUATE

COMPUTER SCIENCE AND ENGINEERING

IIT KANPUR

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Education

Indian Institute of Technology, Kanpur

Bachelor of Technology, Computer Science and Engineering

July 2018 - Apr 2022(Expected)

CGPA - 10.0/10.0 (present)

C.R.P.F. Public School, Rohini, Delhi

High School, 12th Grade

Apr 2016 - March 2018

Percentage - 97.0%

High School, 10th Grade

Apr 2014 - March 2016

CGPA - 10.0/10.0

Scholastic Achievements

- 2018 **All India Rank 142**, JEE Advanced(amongst 224,000 candidates)
- 2018 **All India Rank 360**, JEE Mains(amongst 1.15 million candidates)
- 2018 **All India Rank 140**, KVPY Scholarship
- 2018 **Merit Certificate Awardee**, 100% Score in Maths,Grade 12 National Examination
- 2017 **National Top 1%** in NSEC
- 2017 **State Top 1%** in NSEA
- 2016 **Qualified** the final stage of NTSE

Skills

Proficient - C, Java, Machine Learning, Android Studio

Experienced - Python, Git, C++

Exposure - Octave, Golang

Coursework

- Real Analysis and Multivariable Calculus (A*)
- Linear Algebra and Differential Equations (i)
- Fundamentals of Computing (A)

A* - Exceptional Performance

i - In Progress

Projects

- **Connect-4 Game in Python** <https://github.com/sartkap/Connect4>

Project Undertaken under Prof. Purshottam Kar

- Implemented the game in both two-player and one-player versions.
- Game had the unique feature of user specifying the board dimensions.
- The AI player was implemented using both Minimax algorithm and Monte-Carlo simulation.

- **News Scrapping Tool** <https://github.com/sartkap/News-Scrapping-Tool>

Self Project

- A tool to scrape a particular news website and display the top news stories whenever they are uploaded on that website.

Work Experience

- **National Service Scheme, IIT Kanpur**
 - *Member of programming and web development team*

- **Open Source Contributions**
 - *Started contributing in open source projects on github*