

Darshit Trevadia

SOPHOMORE · MATERIAL SCIENCE AND ENGINEERING

Indian Institute of Technology, Kanpur

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“The best way to predict the future is to create it.”

Academic Qualifications

| Year | Degree/Certificate | Institute | CPI/% |
|----------------|--------------------|--|--------|
| 2019 - Present | B.Tech | Indian Institute of Technology, Kanpur | 8.0/10 |
| 2019 | HSC | PACE Jr. Science College, Mumbai | 91.85% |
| 2017 | SSC | St. Joseph's High School, Mumbai | 92.30% |

Scholastic Achievements

- 2019 **Secured an All India Rank of 5188**, among 150,000 shortlisted candidates
- 2019 **Secured an All India Rank of 4274**, among 1.5 million candidates
- 2015 **Gold Medalist**, Dr. Homibhabha Jr. Scientist examination among 80,000 candidates across Maharashtra

Projects

Campus Discuss

IIT Kanpur

PROGRAMMING CLUB

Ongoing

- This project is a homegrown social platform for all campus residents including students and staff
- It is a discussion platform to connect students with the professors and among themselves
- Learnt the workflow of a project from ground up.
- Learned back-end frame works like Django and worked with RESTful APIs

Private Computation

IIT Kanpur

PROGRAMMING CLUB

Apr. 2020 - Jun. 2020

- Outperformed all existing Function Secret Sharing libraries including the the author's original library by 50%.
- Wrote a Function Secret Sharing library in Rust by understanding cryptographic primitives.
- Regular reading of research papers on Function Secret Sharing by Boyle.

Winter Camp

IIT Kanpur

PROGRAMMING CLUB

Dec. 2019 - Jan. 2020

- Brief introduction to mainstream Computer Science fields
- Introduced to: Machine Learning, Web Development, System Designing and Programming Basics

Skills

| | |
|--------------------|--|
| Proficient | C, C++, Python, HTML |
| Experienced | CSS, Rust, Octave |
| Frameworks | PyTorch, Keras, TensorFlow |
| Utilities | Linux shell utilities, Git, OpenCV, L A TEX, Vim |
| Languages | English, Hindi, Marathi, Gujarati, French |

Position Of Responsibility

Career Development Wing, Academics and Career Council

IIT Kanpur

SECRETARY

Apr. 2020 - Present

- Organizing Group Discussion Marathons and Programming Contests to help students boost skills, relevant to the market

Finance and Analytics Club

IIT Kanpur

SECRETARY

Apr. 2020 - PRESENT

- Organizing a lecture series on various topics in Finance to educate students and gain a better insight in the Finance Industry

Extra Curricular

Speech and Drama, Trinity Guildhall London

Mumbai

GRADE 6

2012 - 2018

- Performed on plays like Girish Karnad's Hayavadana, Vishnu Sharma's Panchatantra and cleared the Grade 6 examination with **distinction**

Tennis Player

Maharashtra

STATE LEVEL

2015 - 2017

- Represented high school and sports club on various occasions at district and state level competition.

The RobinHood Army

India

VOLUNTEER

May 2018 - Present

- Member of a youth initiative that aims to collect and provide surplus food from restaurants or community to serve under privileged people across India.