Academic Achievements	
• Secured All India Rank 304 in IIT JEE Mains 2018 among over 1.3 million candidates	2018
• Secured All India Rank 665 in IIT JEE Advanced 2018 out of more than 150 thousand candidate	2018
• Recipient of the Kishore Vaigyanik Protsahan Yojana (KVPY) Fellowship, twice	2017, 2018
• Awarded the prestigious National Talent Search Examination (NTSE) scholarship by NCERT	2015
Projects	
Proofreading Rewriter	Ongoing
•	ourse Project
<ul> <li>Developing an online NLP tool which corrects grammar mistakes and rewrites sentences</li> <li>Exploring the breadth of parse trees using NLTK (Natural Language Tool Kit) and online APIs</li> </ul>	
	ummer 2019
	nmer Project
· Successfully completed a reading project on <b>Game Theory</b> exploring the formal notions of strategy	
· The highlight was a detailed exposition on the <b>Game of Trust</b> created by developer Nicky Case	
• Battleships	Spring 2019
Instructor : Prof. Amitabha Sanyal	ourse Project
· Created a 1 and 2 player implementation of the board game Battleships using functional features like higher	
order functions while designing a probabilistic algorithm to determine the best move of the con improved algorithms for higher difficulty setting	iputer with
	Spring 2019
Instructor : Prof. Amitabha Sanyal	ourse Project
· Developed an interpreter for a subset of Racket using the <b>environmental model</b> of execution	
· Utilized knowledge of execution frames in the aforementioned multi-paradigm programming la	
	Spring 2019
$oldsymbol{ au}$	ourse Project
· Implemented a decryption algorithm using a strategy called <b>etai</b> , which finds possible substitutions for four	
of the more frequently occurring letters of the alphabet using libraries in Racket  Deciphered input data by running heuristics like <b>Dictionary Closure</b> and <b>Secret Word Enumer</b>	ration on it
Interests	delon on it
Discrete Structures Functional Programming Mystery Novels Carnatic Classical	ol Mucic
	ii Music
Programming Skills	
<b>Languages</b> C++, Python, MATLAB, Racket, Prolog, Bash, JavaScript <b>Tools</b> Git, LATEX, HTML, CSS, Make, CMake, MatpLotlib, AutoCAD, Solidworks	
Positions of Rosponsibility	
<ul> <li>Positions of Responsibility</li> <li>Taught English to UG and PG students of IITB as part of a team of 15 students as a Teaching As</li> </ul>	sistant for
	ummer 2019
Extracurricular Activities	

• Represented IIT Bombay in **Aquatics** at the **Inter IIT** Sports Meet 2018 at Guwahati.

young students and leading researchers in the fields of Science and Mathematics

position in IITB's RC Plane competition.

societies like Rasika Ranjani Sabha and Mulund Fine Arts

• Participated in Boeing Aeromodeling competition at Techfest 2018 as part of the team securing second

• Attended Vijyoshi, the annual national science camp which serves as a forum for interactions between bright

Was the quiz-master for **Spell Bound**, Mood Indigo's (IITB's annual cultural fest) spell bee competition 2018
Bagged trophies in **mridangam** (a south indian percussion instrument) competitions at music and fine arts

2018

2018

2017, 2018