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**Aditya Maheshwari 200020013**

**Chemical Engineering UG First Year (B.Tech.)**

**Indian Institute of Technology Bombay Male**

**DOB: 25/06/2002**

**EDUCATION**

* **Indian Institute of Technology, Bombay** *Oct 2020 -Present*

B.tech in Chemical Engineering CPI:

* **Hope Hall Foundation, New Delhi** *2020*

Intermediate, Central Board of Secondary Education Percentage: **94.2%**

* **Banyan Tree School, New Delhi** *2018*

Matriculation, Central Board of Secondary Education Percentage: **97.2%**

**SCHOLASTIC ACHIEVEMENTS**

* Secured All India Rank **1572** among 1.52 lakh candidates in **JEE Advanced** [‘20]
* Secured **99.54 percentile** in **JEE Mains.** [‘20]
* Scored **374/450 marks** in **BITSAT**  [‘20]
* Awarded **KVPY**(Kishore Vaigyanic Protsahan Yojana) Scholarship, funded by Department of

Science and Technology, Government of India [‘18]

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Science and Technology, Government of India [‘19]

* Awarded **AA grade (10 points**) in **MA109** and **ME119** courses at IIT Bombay [2020-21]
* Secured gold in medal in NCO (National Computer Olympiad) organized by SOF [2012-13]
* Secured silver medal in IMO (International Mathematics Olympiad) organized by SOF [2012-13]

**PROJECTS**

1. **Facial Recognition App (SoC – Summer of Code)** [April 21 – Present]

**Web and Coding Club, IIT Bombay** Mentor- Prayas Jain, Vanshika Gupta

* Develop a face recognition app capable of detecting all faces included in the image, cropping the faces and extracting their features, and comparing the faces for clustering pictures with same faces.
* Develop a GUI that can ask the user to label the unique people identified in the images and run a model that can learn the unique feature of each face to make future predictions on new images and videos

1. **Stock Market Analysis (SoS – Summer of Science)** [May 21 – Present]

**Maths and Physics Club, IIT Bombay**  Mentor – Pranit Roy

* Understanding the technical and fundamental analysis of stock market
* Learn about futures trading and option strategies

3. **How Bankruptcy, Insolvency, Mergers & Acquisitions Affect Stock Market** [June 21 – Present]

**Finsearch, Finance Club, IIT Bombay**

**PROGRAMMING AND TECHNICAL SKILLS**

**Programming and Software Skills:** Well versed with **C++, Python, HTML, CSS** and **Pandas, Numpy** **and Matplotlib** libraries of Python. Basic knowledge of softwares such as **Adobe Photoshop, Adobe Premiere pro** and **Canva**. Proficiency in **MS Word, MS Excel and MS PowerPoint**. Comfortable with **Windows OS**.

**POSITIONS OF RESPONSIBILITY**

1. Convenor, Krittika Club, IIT Bombay [2021-22]

2. Coordinator, Lectures, Techfest, IIT Bombay [2021-22]

3. Coordinator, Operations, E-Cell, IIT Bombay [2021-22]

4. Organizer, E-Summit, E-Cell, IIT Bombay [Feb 2021]

* + Contacted Jana small finance bank to seek possible collaboration with E-Cell.
  + Interviewed Instagram Influencers Abhi and Niyu (1.9M followers).

**EXTRA-CURRICULAR ACTIVITY**

* Volunteered to work with the National Service Scheme, under the Educational Outreach

wing to educate underprivileged children. [2020-21]

* Attending video attending workshop to learn adobe premier pro in Summer Season of Code [‘21]
* Hosted an interview with Abhi and Niyu in E-summit. [‘21]
* Won an intradepartmental trivia quiz in event Chem-Choo organized by CheA Council. [‘21]
* Participated in Delhi State Judo Championship. [‘08]
* Participated in BASF Kids’ Lab organized by BASF- The Chemical Company.