

# Meyhar Dudeja

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## SUMMARY

I am very passionate about Physical Sciences, Technology and Food.

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## MAJOR

**In Physical Sciences and Mathematics**

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## TECHNICAL SKILLS

- Proficient in- Java, Python/Jupyter, C++, HTML, Latex
- Familiar with- C, Swift, CSS, Javascript, IDL
- Tools and Libraries- Git, SciPy, NumPy, Matplotlib
- Softwares- MS Word, MS PowerPoint, MS Excel, MS OneNote, VSCode, Pages, Numbers
- Platforms- MacOS, Windows and Ubuntu (a form of Linux)

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## PROJECTS

### BabyPIC

08/20-06/20

- This project simulates particles in form of FPFs with defined charges in influence of Electric and Magnetic fields using Leapfrog Integration.
- Collaborated with- Siddhant Solanki (now in NASA) (Then a UCSB senior) (also my mentor); Xin Sheng (now a UC Santa Barbara Junior) (a very good friend)

### Audio Drishti

01/21-02/21

*VIS Scientia Society*

- Created a helmet that played message when an object came nearby using Arduino and Ultrasonic sensors
- I did the programming part in Arduino language (advanced C++) with some help from my Computer teacher Mrs. Meenu Kumar

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## LEADERSHIP POSITIONS HELD

### Founder, Core Team Head

10/20-present

*VIS Scientia Society*

- I founded this society that today is the largest and most active society of the VIS community.
- Currently I lead Organization committee
- We organize events, quizzes and call guests for events

### Member

04/15-present

*VSEC Quizzing Elite*

- Officially, this name was made in 2017. This is the group of current and ex-students of Dr. VSEC, KN, who were exceptional in quizzing and won many events. I am still a member of this club. My GK teacher at VSEC is the head of this club. There only 23 Members of this group.

**Member**

10/20-present

*VIS Tech Club*

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**EDUCATION**

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**Venkateshwar International School**

09/20-Present

*Dwarka Sec-10, Delhi, NCT Delhi**Affiliated to CBSE***Dr. Virendra Swarup Education Centre**

04/09-07/20

*Kidwai Nagar, Kanpur, Uttar Pradesh**ICSE Class 10- 92.8%**Affiliated to CISCE, Delhi*

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**ACTIVITIES**

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05/21	Citi APAC Investment Banking Virtual Reality Intern Experience
02/21 Event Award	City Montessori School, Indira Nagar, Lucknow, International Novus Conference Metamorphose – Experiential Our project Audio Drishti won the first prize in this international event
11/20	Goldman Sachs Engineering Virtual Program
10/20 - 11/20	JPMorgan Chase & Co. Software Engineering Virtual Experience
08/20	Harvard Model United Nations, India, Represented-The Federated States of Micronesia, in UN Security Council.
11/19 Award	Inter House Senior GK Quiz. Bagged the First Position
09/19 Award	Tech Era 2019 (Robo Soccer) – (Tech Era- The Technology Festival of Dr. VSEC, KN; Robo Soccer- The event in which me and a Class 9 Student designed a Robot that had to play soccer and make goals.) We Bagged the first Position
07/19	Antaragini (Cultural Fest of IIT Kanpur), InterSchool GK Quiz. Represented my school in 9-10 division
04/19 Award	SHS Nations (Shieling House School Model United Nations), Represented The Commonwealth of Dominica. Received Honorable Mention
10/18 Award	20 <sup>th</sup> Metro Inter School G.K. Quiz Competition by Rotary Club of Kanpur Metro Consolation Prize
20-15,16,17,18	Participated in Various GK quizzes at inter class and house and school levels and was awarded 1 <sup>st</sup> prize in almost all of them
15-16	Academic Excellence bagged 3 <sup>rd</sup> position
15-16	Trinity College London – Graded Examination in Spoken English Grade 3 CEFR- A 2.1 With Distinction