

Ujwal Sachdeva

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EDUCATIONAL QUALIFICATIONS

- Manipal University, Jaipur, India
- Pursuing **Bachelor of Technology in Computer Science**
- CGPA: 8.95/10
- Amity International School, Saket
- Class XII Percentage: 90.4% (Best of 4: 91.5%)
- Class X CGPA: 10

INTERNSHIPS

1. SUMMER PROJECT INTERN, INDIAN STATISTICAL INSTITUTE 2018: UNLIMITED STOCK SUPPLY

Created a program on Python using Data Science that estimates average sales and prevents an "Out-of-Stock" Situation

2. SUMMER PROJECT INTERN, INDIAN STATISTICAL INSTITUTE 2018: SONG RECOMMENDATION SYSTEM

Created a program on Jupyter that performs and compares song prediction according to different models.

TECHNICAL PROJECTS/ACTIVITIES

1. INFINITE MILEAGE ELECTRIC CARS

- Created an electric car based on the concept of Electromagnetic Induction
- Further compared the estimated results with present scenario

2. AIR CONDITIONER: MORE EFFICIENT THAN 5-STAR RATING

- Proposed and created a model which uses a Peltier Device
- Studied results of the use of the model on a sample of water and the temperature variance.

3. IMPLEMENTATION OF AIRLINE TICKETING MANAGEMENT SYSTEM

Created a program on Python that takes user details and performs bookings accordingly.

4. 3rd position, Indian Science and Engineering Fair

5. 1 Near-Earth Object (NEO) Confirmation, 11 NEO Observations, "All India Asteroid Search Campaign", International Asteroid Search Project

6. Operations Head at 10th Annual Space Settlement Design Competition

7. Assisted Research for the United States National Science Foundation, University of Maryland Baltimore

8. 1st Position, iSquare (Science Congress), on the spot Space Settlement and Design Competition

SKILL SETS

C, SQL, Python, Public Speaking, Article Writing, Cricket, French language

LEADERSHIP SKILLS

1. **Head Boy, Amity International School, Saket**
2. **President, Debate Society, Amity International School Saket**
3. **President, Debate Society, Manipal University Jaipur**
4. **President, Litmus (Debating, Writing, MUN Society), Manipal University Jaipur**

AREAS OF INTEREST

Data Analysis, Research, Programming, Public Speaking, Event Management, Cricket Commentary

EXTRA CURRICULAR ACTIVITIES

DEBATING AND WRITING TOURNAMENTS

- Won World Scholars' Cup at National level; Best Interjector at NSIT Memorial Debate; Won 9 Debates and 3 Writing Competitions
- Secretary General, Manipal University Jaipur MUN 2019
- Deputy Secretary General, MUJ MUN 2018
- Executive Board in 5 Model UN Conferences, Best Delegate and High Commendation in 12

SPORTS

- Won 5 Cricket Tournaments, having participated in 10, including Zonal Level Tournaments
- Merit Certificate for achieving 4th Distinction KYU Seigo-Kai Karate Association of India
- First Position in Squash Tournament twice

COMMUNITY SERVICE/SOCIAL WORK

- Research on "Health and Hygiene in Slums", Best Portfolio at Project Citizen
- Scribed for Dyslexic Students in School Examinations
- "Women and Girls Education Campaign" at National Bal Bhawan, New Delhi

MISCELLANEOUS

- Won 13 Inter-School Quiz Events, having participated in 27
- Won 3 Theatre Festivals, 2 Mathematics Presentation Events
- Won in "Social Marketing Project 2016" organized by Cardiff Business School
- Member, Core Committee, Event Management in 10 College Festivals

ACHIEVEMENTS

- Graduated as an Amateur Astronomer, as recognized by SPACE
- Received Scholarship at National Level Times Of India "Think and Learn Quiz"
- Published 7 Varied Articles, served as Senior Editor for The Global Times
- All Rounder, Amity International School, Saket
- Secured Merit Certificates in Computer Science, Mathematics and English in International Assessment for Indian Schools, organized by University of New South Wales; and in National Genius Search Foundation