

Akshara Thakur

CODER · PASSIONATE ABOUT SCIENCE AND MATH · AUTHOR

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Education

Dubai International Academy

HIGH SCHOOL BILINGUAL DEGREE DIPLOMA PROGRAM BY INTERNATIONAL BACCALAUREATE (I.B.)

Dubai, U.A.E.

Sept. 2020 - May. 2022

Modern School, Barakhamba Road

THE CENTRAL BOARD OF SECONDARY EDUCATION (C.B.S.E.) CLASS IX, X

New Delhi, India

April. 2018 - Aug. 2020

- Achieved 95.6% in class X board examination (100% in Math, 99% in Science, 98% in English, 95% in Social Science)

Work Experience

Sunlight Urja Pvt. Ltd.

DATA ANALYSIS INTERN

Remote

May. 2020 - Jun. 2020

- Worked on a project on "Improvement of Operational Efficiency" with a business impact of 5% on the operating profit of the Company.

Engineering Projects

Emergency Response IOT Device for Elders

PROJECT MANAGER + CORE DEVELOPER

[Project Link](#)

Jan. 2020 - Sep. 2020

- Designed an IOT device for ensuring immediate response to emergency needs of elderly inhabitants of my housing condominium
- Developed it using Arduino Uno board, piezoelectric buzzer, transmission/receiver circuit wires and writing highly optimized code in C

Bubble Sort Visualizer

CORE DEVELOPER

Jul. 2020 - Sep. 2020

- Leveraged the core concepts of different sorting methodologies to develop a visualizer in Python for depicting the working of bubble sort
- Showcased the project to several high school students for evoking interest in Computer Science

Publications

32 Shades

AUTHOR

[Amazon Link](#)

Published Jun. 2020

- Wrote a book of several poems describing different stages of life. Published on Kindle and Amazon.

Academic Awards

OLYMPIADS

Mathematics

- 2019 **Silver Medalist**, Science Olympiad Foundation, International Math Olympiad
- 2017 **Bronze Medalist**, Science Olympiad Foundation, International Math Olympiad

Delhi, India

Delhi, India

Science

- 2020 **4th Place**, Science Olympiad Foundation, National Science Olympiad
- 2018 **Gold Medalist**, Science Olympiad Foundation, National Science Olympiad
- 2017 **Silver Medalist**, Science Olympiad Foundation, National Science Olympiad
- 2016 **Silver Medalist**, Science Olympiad Foundation, National Science Olympiad

Delhi, India

Delhi, India

Delhi, India

Delhi, India

Computer Science

- 2020 **Gold Medalist**, Science Olympiad Foundation, National Cyber Olympiad
- 2019 **1st Place in School**, Science Olympiad Foundation, National Cyber Olympiad

Delhi, India

Delhi, India

Life Skills Olympiad, an initiative by a Harvard alumni

- 2020 **top 33/30000 globally**, Life Skills Olympiad
- 2019 **8th rank globally**, Life Skills Olympiad

Delhi, India

Delhi, India

ACADEMIC ACHIEVEMENTS

- 2018-19 **Usha Sharma Memorial Award**, Best all-rounder academic performance

Delhi, India

2019	Student of the Year Award , Awarded for academic excellence by USA UNIVQUEST	Delhi, India
2019	P.T.A. Academic Award , Awarded for academic excellence by Modern School, Barakhamba Road	Delhi, India

Mathematics

2020	1st Place , Aryabhata National Math Competition, Stage 1. Qualified for Stage 2.	Delhi, India
2019	2nd Place , Ramanujan Inter-School Math Talent Competition, Modern School	Delhi, India
2013–14	Kumon - Advanced Student Honor Roll , Awarded for being 6 months ahead of school grade	Delhi, India

Science

2017–18	3rd Place + Certificate of Recognition , Science Quiz, SPUNK	Delhi, India
2017–18	Certificate of Recognition , Outstanding performance in Chemistry Exhibition	Delhi, India

English

2019–20	1st Place , English Literary Quiz, Modern School, Barakhamba Road	Delhi, India
2017–18	Writer's Guild award , Awarded by school for exemplary skills in English language	Delhi, India
2018–19	P.T.A. Academic Award , For securing highest marks in English in school	Delhi, India

HONORARY AWARDS AND MENTIONS

2020	Recipient , Global Scholar to represent India at the Global Young Leaders Conference, USA	Fairfax, VA
2019	Best Performing Team Award , Doon Summer Leadership Program	UK, India
2018–19	1st Place , Presentation making competition for Nature Club, Indraprastha Gas Ltd	Delhi, India
2018–19	Passed Level 1 & 2 , Space Astronomy Club, Modern School, Barakhamba Road	Delhi, India
2018	Participant , Student Exchange Program held at Townley Grammar School	Kent, England
2018	Participant , Pinegrove School Round Square Conference (Adventure), Shimla	HP, India
2017	Honorary Position , Programming & Informatics Workshop organized by CODECHEF	Delhi, India

Extracurricular Activity

DANCE & MUSIC

2015– Present	Professionally trained Kathak Dancer , more than 5 years of experience • Participated in several State level competitions as well at religious functions organized at famous temples	Delhi, India
	Member , Modern School Instrumental Music team • Regularly played Sitar in school functions and participated in school choir	Delhi, India
2013–15	Cleared 3 levels , Indian Classical Music program conducted by Prayag Sangeet Samiti, Allahabad	Delhi, India

SPORTS

State Level

2019	1st Position , Inter-school 400 meter Swimming relay competition, Doon School	HP, India
2016	4th Position , Baba Gang Nath Delhi State Swimming Competition	Delhi, India
2016	1st Position , Pradeep Virendra Sing Memorial Open Delhi State Ranking Badminton Championship	Delhi, India
2013–14	1st Position , Delhi State level Swimming completion, Riverside Sports Club	Delhi, India

Leadership Roles

2018–20	President , B.E.S.T. (Breathe Easy Stay Tough) Club	Delhi, India
2017–19	Creative Head and Club Head , Astronomy Club at Modern School, Barakhamba Road	Delhi, India

Community Service

	3 Guinness World Records , All in Sustainability • Participating in the largest number of assembly and lighting of solar lamps, Ministry of New and Renewable Energy (MNRE)	
2017–20	• Environmental sustainability lessons to the largest number of students at one place, MNRE • Forming world's largest Human Lungs, Lung Care Foundation	Delhi, India
	Project Anchor , Crowdfunding Campaigns • Successfully organized crowdfunding campaigns to impact the lives of the elderly poor by supporting their cataract operations	
2019		Delhi, India
2017–19	Volunteer , Blind Relief Association, AIDS Awareness Program and Tuberculosis Workshop	Delhi & Bihar, India