Akshara Thakur

COMMUNITY SERVICE · PASSIONATE ABOUT SCIENCE AND MATH · AUTHOR

📱(+971) 052-716-7204 | ✉ akshara.thakur1514@gmail.com | 🏠 aksharathakur.github.io | ⌨ aksharathakur | 🔗 akshara-thakur-1a98091ba

Education

Dubai International Academy *Dubai, U.A.E.*
HIGH SCHOOL BILINGUAL DEGREE DIPLOMA PROGRAM BY INTERNATIONAL BACCALAUREATE (I.B.) *Sept. 2020 - May. 2022*

Modern School, Barakhamba Road *New Delhi, India*
CENTRAL BOARD OF SECONDARY EDUCATION (C.B.S.E.) CLASS X – *95.6% in Board Exam (100% in Math, 99% in Science, 98% in English)* *April. 2018 - Aug. 2020*

Work Experience

Sunlight Urja Pvt. Ltd. *Remote*
DATA ANALYSIS INTERN *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 Link*
PROJECT MANAGER + CORE DEVELOPER *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 *Amazon Link*
AUTHOR *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	*Delhi, India*
2017	**Bronze Medalist**, Science Olympiad Foundation, International Math Olympiad	*Delhi, India*

Science

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

Computer Science

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

Life Skills Olympiad, an initiative by a Harvard alumni

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

ACADEMIC ACHIEVEMENTS

2019–20	**P.T.A. Academic Award**, Scoring above 95 % aggregate in class 10	*Delhi, India*
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	**P.T.A. Academic Award**, Scoring 100 % marks in C.B.S.E. Class X Mathematics Exam	*Delhi, India*
2020	**1st Place**, Aryabhatta 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

2020–21	**Advanced Placement**, English IB in recognition of excellent performance	*Dubai, U.A.E.*
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	**Coursera Certification**, 'What is Data Science?' course offered by IBM	*Remote*
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, Barkhamba 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 Worship organized by CODECHEF	*Delhi, India*

Leadership Roles

2020–21	**Senior Vice President**, *Learn2Lead*, DIA's flagship leadership club focused on public speaking, debating and writing skills	*Dubai, U.A.E.*
2020–21	**Physics Subject Expert**, *Inspire Science*, DIA's Science club aimed at enhancing the scientific reasoning skills among high school students	*Dubai, U.A.E.*
2020–21	**Head of Teaching**, *Fremont Debate Academy*, DIA's prestigious debating club	*Dubai, U.A.E.*
2020–21	**Head of Education**, *Financial Freedom Program*, Organization directed at enhancing the financial awareness of the community	*Dubai, U.A.E.*
2018–20	**President**, *B.E.S.T. (Breathe Easy Stay Tough) Club*, Health club at Modern School, Barakhamba Road	*Delhi, India*
2017–19	**Club Head and Creative Head**, *Astronomy Club* at Modern School, Barakhamba Road	*Delhi, India*

Extracurricular Activity

DANCE & MUSIC

2015–20	**Professionally trained Kathak Dancer**, Participated in several State level competitions	*Delhi, India*
2015–20	**Member**, Modern School Instrumental Music team – *Sitar and Indian Classical Team*	*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	*UK, 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*

Community Service

2020–21	**Volunteer**, *Helping Little Gems*, Prepared educational videos to help the underprivileged	*Dubai, U.A.E.*
2020–21	**Volunteer**, *Go Akhdar Recycling Drive*, Participated in the U.A.E. recycling drive	*Dubai, U.A.E.*
2017–20	**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) • Environmental sustainability lessons to the largest number of students at one place, MNRE • Forming world's largest Human Lungs, Lung Care Foundation	*Delhi, India*
2019	**Project Anchor**, Crowdfunding Campaigns • Successfully organized crowdfunding campaigns to impact the lives of the elderly poor by supporting their cataract operations	*Delhi, India*
2017–19	**Volunteer**, Blind Relief Association, AIDS Awareness Program and Tuberculosis Workshop	*Delhi & Bihar, India*