

ARIVAN AGARWAL

DoB:15/Jan/2005

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EDUCATION

- Studying in Bombay Scottish School, Mahim, Mumbai since JrKG (2009)
 - Currently in Grade XII; due to appear for ISC examinations in Mar-23
 - Subjects: Physics, Chemistry, Mathematics, Computer Science & English
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STATUTORY TESTS AND ADVANCED PLACEMENTS

- SAT SCORE: Evidence Based Reading and Writing-690, Maths-790 Oct 2022
 - IELTS SCORE: 7.5 Oct 2022
 - AP EXAMS: Calculus AB 5/5 May 2022
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ACADEMIC ACHIEVEMENTS

- In grade XII Predicted score - 98%
- Awarded for securing highest marks in Physics and Chemistry in grade XII Mar 2022
- Passed Grade XI with 90.7% marks in the final school Exams May 2022
- Awarded for Outstanding Performance for securing 1st Rank in School in Grade X1 Mar 2022
- Passed Grade X (ICSE) with 97.0% marks in Board Exams Mar 2021
- Awarded for securing Highest Marks in Physics, Chemistry, Biology and Hindi in Grade X Mar 2021
- School Prefect in Grade IX 2019

PROJECTS AND ACADEMIC EXTRACURRICULAR

- Completed a project on Machine Learning- Optical Character Recognition. Learned **ML Workflow**: Line Segmentation, and character segmentation using Deep Learning Models like CNNs. Feb - May 2022
 - Completed a project on Data Science through an internship at a startup company, Kuhoo. Learnt and implemented the **algorithms** which are an integral tool for a fin-tech company while making a decision on loan eligibility of the student. I further learnt relevant segments like python, machine learning, and attended knowledge webinars. May 2022
 - Complete Advanced Course in Data Science and Machine Learning from Coding Ninjas Platform. Feb-April 22
 - Completed Basic level course (offered by IBM on edX platform) in analysing data with Microsoft Excel. Jan 2022
 - Basic level certification course in Python conducted by Talent Home Solutions, LLP. Jan 2022
 - Completed Advance Course of Java with Data Structure & Algorithms by Coding Ninjas Platform Nov-Jan 22
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SOCIAL IMPACT PROJECTS

- I conducted a small pilot project addressing two issues: Nov 21-Aug 22
 - a. Usage by the specially-abled people: Standard Indian style toilet seats are not accessible/convenient for them to sit
 - and b. providing lighting solutions in public toilets, making them usable post sunset. I collaborated with an **IIT alumni** who is the head of the Oston, to find a solution for the old and disabled. Through presentations I crowdsourced a contribution of **Rs.3,84,512** used to provide **50 RETROFIT TOILET KITS** and **50 LED Lights** in small rural area Jodhpur in Rajasthan. To take the project into more rural areas, Aviom Housing has agreed to support my idea through funds and resources.
- I collaborated with Hasti Khelti Foundation and taught underprivileged students Computer Science coding languages. Jun-August 21
Also collected funds of Rs.50,000 to spread education to different parts of the country.

- I also partnered with an NGO Masoom and taught underprivileged students Computer Science, English language skills and Mathematics. Jun 2019
- I collaborated with Jay Foundation, Fuel A Dream and Don Ghass and collected funds of Rs. 1,00,000 for the daily meals distribution to the underprivileged. Sept-May 22
- I collaborated with Niramay Foundation to provide sanitation benefits to young underprivileged women of our society. Rs. 50,000 collected by me for this cause. Sept-May 22

SPORT ACTIVITIES

- Cricket – Represented School U19 Cricket Team in Council's National Sports & Games at Regional Level 2019
- Cricket- Represented various clubs like Shivaji Gymkhana Club and MIG Cricket Club. 2019
- Table Tennis – Secured 3rd position in DSO 2019

RESEARCH

- Conducted secondary research on nuclear physics to understand the mass-energy equivalence, nuclear reaction like fission and fusion and radioactivity. 2021
- Conducted secondary research on narcotics to study the various different types of drugs. 2021

HOBBIES

- Playing Lawn Tennis, Football, Chess and Swimming
- Avid follower of European Club football and IPL
- Play basic level of Guitar
- Fond of listening to music