

Nivaan (Nitin) Vedante

Mumbai, India

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EDUCATION

Chatrabhuj Narsee School, Mumbai, India

- International Baccalaureate Diploma Program (Grades 11 & 12) 2016 – Present
Predicted IB Points in Grade 12: 40/42 subject points + 2 bonus points
50% Chairman's Scholarship for the IB Diploma Programme
- University of Cambridge IGCSE Board Examination (Grades 9 & 10) 2024-2026
- University of Cambridge IGCSE Board Examination (Grades 9 & 10) 2023-2024

STANDARDIZED TEST

SAT – 1440/1600 (Math: 760/800, English: 680/800)

ACADEMIC HONORS AND AWARDS

SCHOLARSHIPS & ACADEMIC RECOGNITION

- Received the prestigious 50% Chairman's scholarship for the IB Diploma Programme 2024-2026
- University of Cambridge ICE certificate of Distinction for Grade 10 with 6 A*'s and 2 A's 2023-2024
- Won Prestigious Dr. Abdul Kalam's Mighty Mind Scholarship with the highest rank category of MM++ 2021-2022
- Participated in various Olympiads (SOF and SilverZone) and won many Medals and Certificates (8 Gold, 2 Silver and 3 Bronze) 2014-Present
- Won Ryan Scholars Award for Excellence in Academics Mar 2016

COMPUTING/PROGRAMMING

- Achieved National Rank 1 for 'Bebras Computing Competition' with 100% score Dec 2024
- Gold Award in the Hong Kong International Computational Olympiad HKICO(Python) Apr 2025

ROBOTICS

- British Science Association 'Crest Gold Award' for Designing a smart 3DOF Robotic Arm with Bluetooth for Object Handling Apr 2025
- Won 2nd place in Senior Category of State Level Interschool Robotics Competition organised by G.K.Gurukul, Pune Jan 2022

MATHEMATICS

- Gold Award with 100% score in the Philippine International Math and Science Olympics (PIMSO) - Math at the National Level Aug 2025
- Distinction in Fermat Math Contest by the University of Waterloo, Canada Mar 2025
- Distinction in Hypatia Math Contest by the University of Waterloo, Canada Apr 2025
- Silver Award in the Vietnamese Fermat Mathematical Olympiad Nov 2024

SCIENCES

- Silver Award in Philippine International Math and Science Olympics (PIMSO) - Science at the National Level in Grade 12 Aug 2025
- Gold Award in the Philippines International Math and Science Olympics (PIMSO) - Science at the National Level Aug 2023 & Aug 2024
- Distinction in Avogadro Chemistry Contest by University of Waterloo, Canada May 2025

LEADERSHIP EXPERIENCE

- School Cultural Captain and a member of the school student council, Grade 11 2024-2025
- Vice Cultural Captain and a member of the school student council, Grade 9 2022-2023

Founder of 'The Music Healers'

- An organization comprised of passionate young musicians who are dedicated to promoting music therapy as a powerful tool to aid the treatment of various mental health conditions such as dyslexia, depression, and ADHD. 2024-Present
- Drawing from my experience of playing piano since the age of 7 and achieving a Trinity Grade 8 Distinction, I design meaningful sessions that help individuals with mental and intellectual challenges connect with music and discover its therapeutic potential as the founder of this organization. 2023-2025
- President & Lead Pianist of the CNS Music Club
- Won the School House cup as well as the 'March Past Shield' (a major component of Sports Day) for two academic years 2016-17 & 2022-23

INNOVATION

- **Bluetooth-operated Smart Robotic Arm** 2024
Designed, built and coded a 3 Degree Of Freedom smart robotic arm (using Arduino Uno, 4 high torque servo motors, metal brackets and clamps, an end effector to pick up/place objects, fitted with a Bluetooth module alongside other components) which can be operated remotely for precision object handling.

Awarded The British Science Association's 'CREST Gold Award' for this project.
- **Biped Walking Robot** 2024
Designed, built and coded a Biped Walking Robot (using Arduino Uno, 6 high torque servo motors to imitate ankle, knee and hip joint movements typical of humans, a servo motor driver, metal brackets and clamps as well as other components).
- Designed, built and coded a **Path Following Robot, Obstacle Avoiding Robot and Fire Fighting Robot** 2023

ENGINEERING EXPERIENCES & INTERNSHIPS

Internship at Techno Engineers, Kandivali, Mumbai

Jul 2023-Present

Established in 1994, Techno Engineers is an industrial equipment supplier renowned for its manufacturing of Hot Sintering Press Machines for Diamond tools.

- Gained hands-on experience of different sintering machines (hot press furnaces, vacuum furnaces as well as microwave sintering systems) used in stone cutting industries.
- Developed a deeper understanding of transformers, motors and various other engineering aspects.

Remote Software Internships

- Java Developer Intern at CodeClause Jul 2024 - Aug 2024
- Python Developer Intern at LetsGrowMore Jul 2024 - Aug 2024
- Graphics Design Intern at Oasis Infobyte Jul 2024 - Aug 2024

- Web Development Intern at CipherByte Technologies
- UI/UX Design Intern at ShadowFox
- Machine Learning Intern at CodeAlpha
- Machine Learning Intern at Unified Mentor

Aug 2024 - Sep 2024

Jan 2025

Jul 2025 - Aug 2025

Jul 2025 - Oct 2025

ONLINE COURSES & CERTIFICATIONS

Completed 99 Online courses offered by universities such as Harvard, Stanford, Columbia, Duke, Johns Hopkins, Northwestern, UC Berklee, UC Davis, Vanderbilt and companies like IBM, Google, Microsoft, AWS concerning topics covering Artificial Intelligence, Machine Learning, Python, JavaScript, Scratch, Web Development, Cyber Security, R programming, Game Development, SQL, Data Science, Statistics, Applied Calculus, Data Analytics, Generative AI and many more through platforms such as Edx and Coursera

The complete list of these 99 courses along with the verified certificates can be found in the link below:

[View Verified Certifications](#)

PUBLIC HEALTH INITIATIVE AND VOLUNTEER EXPERIENCES

Conducted music sessions at NavDivyang school, Kandivali, Mumbai

Jan 2025-Present

- Conducted music lessons for the specially-abled at NavDivyang School, Mumbai

Organised a Mega Clothes Donation Drive at Gayatri Palace Co.Op.Hsg.Soc.Ltd.

- Organised and led a clothes donation drive in my neighbourhood and collected approximately 180 pairs of T shirts and shirts, 165 pants, 80 dresses and 30 sarees, around 20 pairs of footwear as well as 5 bicycles. All the collected items were donated to community helpers such as sweepers, watchmen, house helps and people in need throughout the neighbourhood.

Volunteered at COVID-19 Vaccination camp, Borivali, Mumbai

Sep 2021

- Volunteered at the mega Covaxin vaccination drive organized by MCGM in association with Sir H. N. Reliance Foundation Hospital at MCF Club, Borivali (W), Mumbai in the year 2021 which helped successfully vaccinate over 3000 people in the span of 2 days. My job as a volunteer was to help people register using the government's Co-WIN App, verify their identity & vaccination history, guide them regarding the process of vaccination, patiently answer any of their queries, and help them download their vaccination certificates.

Performed at Beyond 60 Seniors Care Foundation, Manor, Palghar

July 2023

- Conducted musical evenings at the "Beyond 60 Seniors Care Foundation" on 15th and 19th July 2023 in an effort to entertain over 50 senior citizens and staff.

Volunteered at a Regional Rubik's Cube Competition, CNS, Mumbai

Nov 2019

- Volunteered at the regional level Rubik's cube competition organised at the CNS campus wherein I helped guide participants with respect to their match timings, kept record of where and when each event would take place, cube shuffling, noting the timings of completion for participants, cross-checking their certificates for the correctness of names and other details regarding the administration of the full day event.

INTER-SCHOOL & INTER-HOUSE COMPETITIONS

Inter-School Music & Singing Competitions:

- Won First Place in the Interhouse Singing Competitions for **consecutive 3 years** as part of the Western Music category and received recorded video messages from the judges on panel appreciating my work. 2021, 2022, 2023
- Won First Place in the Interhouse Band Competition and received a special mention from the judges on panel for my piano skills Aug 2023
- Represented my school at the piano concert hosted by Furtados School of Music at the Russian Play Centre for Performing Arts Apr 2019
- Won First Place in the Solo category of the regional finale of "BAND-it Music Festival" organised by Furtados School of Music 2019
- Won Third Place in the Symphonic Showdown Category of the interschool cultural and sports festival "AIKYAM" organised by Utpal Sanghvi Global School, Juhu Sep 2023
- Represented CNS twice and won Second Place in the International Level music competition organised by Manav Rachna "Expressions Matter" which had participants from 235 schools across 17 countries. Jan 2021

Inter-School Linguistic and Drama Competitions:

- Won First Place in the Interhouse Theatre Competition Sep 2025
- Represented CNS at 'The Linguist' (a Literary extravaganza interschool event at the Universal School, Ghatkopar) Aug 2023
- Won Second Place at the Renaissance - "French Act It Out" Interschool competition organised by The Universal School, Tardeo, Mumbai Jan 2022
- Won Second Place in 'A Vos Plumes' Inter-School French Creative Writing Competition Organised by EuroSchool, Airoli in collaboration with Institut Francais en Inde July 2020

SPORTS

Basketball

- Represented my school at the ISSO and various inter-school basketball competitions 2021-23
- Won a Silver Medal in Quintessence Inter-school Basketball Tournament 2022-23

Taekwondo

- Achieved a Dan-1 Taekwondo Black Belt Certification from PIL SUNG Taekwondo Academy by completing all prior levels with excellent performance in annual competitions 2015-Present
- Participated and won 8 gold medals and 1 silver medal in various Inter-school Poomse and Sparring Taekwondo Competitions organised by PIL SUNG Academy 2015-Present

Athletics

- Won the Best Athlete Trophy in CNS (3 Gold, 1 Silver, 2 Bronze Medals)

Speedcubing

- Won many Certificates including Excellence Gold for Rubiks Cube Competition for solving various cubes like Pyraminx, 2*2*2, 3*3*3, F2L, 4*4*4, 5*5*5, Skewb, Mirror cube, Megaminx in record time 2019-22

MUSIC

Trinity College London Examination:

- Trinity College London Classical & Jazz Piano Music Performance - Grade 8 Distinction | 90/100 2025
- Trinity College London Classical & Jazz Piano Music Performance - Grade 6 Distinction | 97/100 2024
- Trinity College London Classical & Jazz Piano Music Performance - Grade 5 Distinction | 94/100 2023
- Trinity College London Classical & Jazz Piano Music Performance - Grade 3 Distinction | 88/100 2022
- Trinity College London Classical & Jazz Piano Music Performance - Grade 2 Distinction | 100/100 2020
- Trinity College London Piano Music Theory - Grade 1 Distinction 2019