SOMYA JAIN

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EDUCATION

Dhirubhai Ambani International School, Mumbai, India

- *International Baccalaureate Diploma Program, Grade 12* 2025-Present
- *Cambridge IGCSE Board Examinations , Grade 10* 2023-2025

STANDARDIZED TESTS

- SAT – 1540 (English -760; Math – 780)
- IELTS- 8.5/9

ACADEMIC HONORS AND AWARDS

School

- Academic Excellence Award for securing 40+/42 IB points across both terms- Grade 11 2026
- Subject Achievement Award-Biology HL, English Lit & Lang HL, Math AA SL - Grade 11 2026
- Tutor Group Award for showcasing significant academic achievement, responsibility, leadership, empathy- Grade 11 2026
- DAIS Annual Award - Awarded for representing school as Editor-in-Chief at THIMUN Hague, World Forum- Grade 11 2026
- India Topper in 'IGCSE World Literature', Cambridge Outstanding Learner Award awarded by CAIE- Grade 10 2025
- IGCSE Cambridge Examination Subject Distinction Award: 9A* and 1 A- Grade 10 2025
- IGCSE Subject Achievement award in 6 subjects - 9th, 10th 2024-25
- IGCSE Outstanding Learner Award for achieving A* in all subjects, showcasing discipline, curiosity, leadership and active engagement in class- Grade 9. 2024

International

- UK Biology Olympiad: Gold Medal 98.09%, School topper 2026
- ICQ- International Chemistry Quiz Award for High Distinction securing 29/30 2026
- Avogadro Chemistry Exam - 90.62% (score: 36.25/40) 2026
- The Queen's Commonwealth Writing Competition, UK: Bronze Award 2025
- John Locke Institute Essay Competition in Economics - Letter of recognition + $250 scholarship for Institute program 2025

RESEARCH, INTERNSHIPS AND OUTREACH

- ***Internship, Research & Publication at Reliance Hospital, Mumbai – Geriatrics Oncology, under Dr Sewanti Limaye, Director of oncology*** 2025-26
  - Co-authored research paper titled 'A Precision Oncology Approach to Geriatric Cancer Care: Real-World Experience with Comprehensive Genomic Profiling and Clinical Outcomes.'
  - Co-authored an abstract which was accepted and selected for **Poster presentation** at the **WIN Symposium 2026, Rhode Island, USA.**
  - Formulated and focused research question in geriatric oncology with assistant doctors.
  - Worked and analyzed clinical patient data of a cohort of 1000+ geriatrics cancer patients, alongside Reliance Medical Oncology department.
  - Participated actively in drafting the manuscript and abstract, submitted for peer review to the Journal of Geriatric Oncology.
- ***Internship, Research & Publication at Reliance Hospital, Mumbai – Thoracic Oncology, under Dr Sewanti Limaye, Director of oncology***
  - Contributed to the research paper titled "Clinical Correlation of Questionnaire-Based Lung Cancer Risk Factors with Low-Dose CT Findings in an Indian Screening Cohort."
  - Supported in risk assessment, data collection and analysis of questionnaire responses.
  - Evaluated lung cancer risk and explored opportunities for early detection in the Indian population.
- ***Observership at Breach Candy Hospital , Mumbai - Orthopaedic Department , under Dr. Rajesh N Maniar- Orthopaedic surgeon*** 2025
  - Understood the evaluation of fragile fractures in patients and post-operative pain management care.
  - Prepared a report on 'Oestoporotic Fractures in Geriatrics Patients in India', under the guidance of Dr. Maniar
- ***Observership at HiMedia Laboratories Pvt Ltd, Mumbai*** 2026
  - Contributed to microbiology media development at HiMedia Laboratories by assisting with the preparation and evaluation of culture media, observing how formulations were tested and optimized by the development team.
  - Worked with experiments involving nitrogen-fixing bacteria and explored the use of gum as an alternative to agar, gaining practical experience in microbial culture, media formulation, and experimental optimization.
- ***Bridging the gap: Geriatrics Initiative and Workshop*** 2025- 26
  - Created and designed 150+ mini caregiver guide booklets for Dementia and Parkinson's patients' families.
  - Conducted activities and games such as memory challenges with the children to simulate barriers and problems faced by patients.
  - Designed worksheet & activity kits for NGOs '*Sukhada Solace for Elderly'* & '*Sapna'* incorporating motor skills, tracing games and cognitive stimulation in elderly care.
- ***Pre-College Summer Program***
  - **Johns Hopkins University**: *Introduction to Lab Research* 2025
    Residential **Credit-based Pre-College Summer Program:** Secured 1 credit. Conducted a pGLO experiment on bacteria with peers and presented research in Undergraduate Teaching Laboratories.
  - Learned molecular biology techniques including the pGLO bacterial transformation experiment and gel electrophoresis.
  - Presented a research chart on the effect of arabinose concentration on pGLO modified bacteria fluorescence to professors in the Undergraduate Teaching Laboratories, strengthening my ability to interpret experimental results and communicate scientific findings.
- ***Biology Extended Essay*** 2026
  Investigated the correlation between anthocyanin concentration (pH differential spectrophotometry) and total antioxidant capacity ($KMnO_4$ titration) across diverse fruit species.

INTERNATIONAL & SCHOOL LEADERSHIP

- Editor-in-Chief of Press and Communications at THIMUN The Hague, Netherlands 2026
- Communications Coordinator, DAIS Core Council 2025-27
- Head of Press at DAIMUN 2026 2025-27
- Deputy Head of Press at DAIMUN 2025 2025-26
- Media and Design Team at TEDXYouth DAIS 2025 2025-26
- Co-editor of Insignia School Magazine 2023-26

BIOLOGICAL JOURNALISM

- ***Stemsphere Journal for STEM voices of High-school and University students.*** 2026

  Designed STEM newsletter portal to boost scientific inquiry among high school students, proofread articles with citations and referencing
- ***BioSpectrum India medical journal*** 2025-27

  Researched and published 3 articles on healthcare and pharma sector for BioSpectrum India's online portal:

- 'Minimizing impact of Nipah virus in India'
- 'Setting up Animal STEM Cell Biobank goes beyond India's position as a leader in scientific tech innovation'
- 'India witnessing expansion of AI-powered lung cancer screening in public hospitals'

VIOLIN – MUSICAL PURSUITS

Performances

- ***Indo-European Youth Orchestra, Budapest, Hungary:*** Second violinist at Indo-European Youth Orchestra, 2023. Played alongside an international group of peers and professional musicians.
  - Performed at the Royal Palace of Gödöllő, Budapest, received a certificate of appreciation.
  - Performed at the Amrita Sher-Gill Auditorium, Indian Embassy in Budapest, received a certificate of appreciation.
- ***NCPA - National Centre for Performing Arts, Mumbai, India:*** Solo Violin Performance at NCPA High Scorers' Concert

Examinations- ABRSM (Associated Board of the Royal School of Music, UK) 2014-Present

- Cleared levels 1 to 5 of the Theory and Practical Violin Examinations with Distinction and Merit

WRITING AND JOURNALISM

- Senior Copy Editor, Insignia and Perspectives school magazine – Contributed actively through poems and writings in French and English. Edited and proofread articles and was responsible for layout, design and theme. 2023-24
- Oxford Ink of Ages youth competition 2025 – Shortlisted fiction story among 106 entries, published in 'Dust & Divinity': Ink of Ages Vol 2 anthology along with lifetime membership of World History Encyclopedia 2025
- Round Square Press team – Led team of writers and illustrators, edited articles on current events,created content for social media 2024
- Sage and Ink – Built online platform of personal poetry featuring creative reflections and diverse perspectives 2024-26
- John Locke Global Essay Prize 2025 – Shortlisted in Economics Category, Senior division. 2025

MUN (MODEL UNITED NATIONS)

- Editor-in-Chief of Press, THIMUN The Hague, 2026 – Led global press team of writers, photographers and designers for MUNITY, the official conference newsletter. Coordinated with THIMUN Official Board Directors and Secretariat to organize the conference. Interviewed UN Ambassadors, and delivered speech at the closing ceremony before 4000+ members. 2026
- Head of Press, DAIMUN 2026 Core – Co-Organizer of 550+ Delegates, Coordinated with the MUN Directors with regard to administrative, logistics and digital planning for the conference. Supervised 6 departments and 70+ press delegates for daily publication of student-based newsletter. Oversaw official social media content and website. 2026
- Deputy Head of Press, DAIMUN 2025 – Wrote and proofread articles written by juniors and external delegates. Mentored delegates in the writing, photography and layout team. Designed content for the social media account. 2025-26
- Outstanding Writing delegate and Honorable mention for Writing, DAIMUN Press 2023-24
- Press Delegate, RIMUN (Rome International MUN) – Represented the school; designed newsletters for daily issues; Interviewed delegates for official youtube content. 2024

COMMUNITY OUTREACH AND INITIATIVES

- ***Anti-Tobacco Drive*** 2024-26
  - Campaigned and partnered with AngelXpress NGO and local municipal schools to raise awareness and educate 200+ youth about adverse effects of tobacco consumption. Launched a health literacy program and held interactive sessions, presentations and poster competitions to expand its outreach.
- ***AngelXpress Foundation (NGO)-Transform Lives through Education*** 2023-24
  - Volunteered and designed a math tutoring syllabus with examples and exercises for elementary level to assist 8 students for 72 hours.
- ***The Welfare for Stray Dogs*** 2024-26
  - Volunteered for a year in an animal welfare organization enriching the lives of stray dogs and cats.

ONLINE COURSES: COURSERA

- Introduction to Economic Theories – Erasmus University Rotterdam; Achieved: 96.50% 2024
- Chemicals and Health – Johns Hopkins University; Achieved: 96.50% 2024
- Immunology: Innate Immune System – Imperial College London; Achieved: 94.10% 2026
- Living with Dementia: Impact on Individuals, Communities and Soc.- Johns Hopkins University, Achieved: 99.00% 2026

OTHER INTERESTS

- Poetry, Baking, Visiting Museums, and Journalling.