

Bhavya Jain- <https://www.bhavyajain.in>

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EDUCATION

Cheltenham College , Gloucester, United Kingdom Sixth form (Year 12/ 13) A levels - Mathematics (A*), Physics (A*), Economics (A*) Further Mathematics (A) Additional project: Extended Project Qualification (EPQ): (Grade A) <i>Are developed and developing countries equally responsible for reducing greenhouse gas emissions?</i>	2022-present
Jamnabai Narsee International School , Mumbai, India International Baccalaureate (IB) Middle Years Program 53/56 (Grade X)	2010-2022

STANDARDISED TEST

SAT Score: 1540 / 1600 Math 800 / 800 , Evidence-based reading and writing 740 / 800	2022
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ACADEMIC HONORS

Senior Maths Challenge (United Kingdom Mathematics Trust) Gold certificate, highest score in college, amongst top 1000 in UK qualifying for British Maths Olympiad Round 1	2023
British MENSA Member for being amongst the top 2 percentile of all test takers in the UK	2022
Centre for Education in Mathematics and Computing (CEMC) Cayley - Distinction	2020
All India Maths competition by the Institute for Promotion of Mathematics (IPM) Amongst the top 2% consistently for 9 years from Grade II–X in tests taken by over 10,000 students, Once all India 28 th rank.	2012-2020
Assessment of Scholastic Skills through Educational Testing (ASSET) Gold medalist- Amongst top 100 in India and top 10 in Mumbai out of 400,000 test-takers	2019

LEADERSHIP

Head of Investment Society, Economics Department, Cheltenham College Society run under the mentorship of the Head of Economics, aims at getting more students interested in Economics & Finance. Delivered a talk on the basics of financial literacy, organized events on investment topics and stock market simulation games.	2023-present
House Representative for Student Council, Upper Sixth, Cheltenham College Represented my house's 'Year 13 Students' Voice' for suggestions and changes in policies required for matters ranging from meals, IT, and sports to members of faculty and college administration.	2023-present
Deputy Head of Ecotopia's Clean Energy Initiative, Jamnabai Narsee International School Led a team of 40 students to explore innovative ideas to use clean energy for the school and homes to reduce carbon footprint and presented these ideas to heads of Secondary school and deputy head of school.	2019-2020
Member of Leadership Team, Jamnabai Adolescence Mentorship program Provided a Forum for younger students to discuss issues including intimidation and harassment, and brainstorm solutions while maintaining confidentiality from faculty or parents as need be. Performed informative skits on these issues to spread awareness with fellow members.	2019-2020

COMMUNITY OUTREACH

Co-Founder of Kaala-Akshar (Non-Profit) Education for underprivileged children in India <i>Kaala Akshar's</i> mission is to improve attendance in elementary rural schools, through initiatives such as interspersing sports, and fun in classes. The initiative has won many recognitions, media coverage, and an invitation to give a talk at a TEDx event and won <i>National Awards for Leadership & Excellence 2023</i> in 2 categories 'Young Learning Leader' & 'Innovation in Learning Services'.	2017-present
Intern at the Central Square Foundation, New Delhi <i>Paid internship at a reputed non-profit</i> Assisted foundational education team to create a comprehensive report on 'Situational Analysis of Early Childhood Education in India' which will help state governments design policies. Compiled a detailed literature review of studies on reasons for student absenteeism in Uttar Pradesh and Madhya Pradesh.	2023
Community Service Program, Travel for Teens <i>Education for underprivileged children in Indonesia</i> A two-week cultural immersion program, to teach basic conversational English language to underprivileged children in rural areas in Indonesia.	2023
All Saints Academy, Cheltenham <i>Education for underprivileged children in the UK</i> Weekly volunteer visits to assist teachers at a local public school in Gloucestershire.	2022-present

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ECONOMICS PURSUITS

- “Nudging Education: Transforming India's Learning Landscape”** Research Project at IIMA 2023
A research project under the guidance of Prof. Arvind Sahay at the Indian Institute of Management Ahmedabad (IIMA) compared the Indian education system to its global counterparts. Analyzed relationships, incentive structures and biases that lead to a shortfall in learning outcomes. Based on this analysis, proposed a set of changes that can support improved learning outcomes. Article published in **CSR Focus Magazine Oct 2023**
- “The impact of the microfinance industry on economic development”** Independent Research Project 2022
Worked under the guidance of Mr. N. Venkatesh, CEO of IIFL, Samasta Finance, a leading Microfinance institution. Studied the role of microfinance on employment creation, women empowerment, skills development, and encouraging savings. Compiled success stories based on primary interviews of a sample of women borrowers in the Nilgiris district.
- “The growth of and outlook for Exchange-Traded mutual funds in India”** Independent Research Project 2022
Worked under the guidance of Ms. Janavi Nagrecha, VP at IIFL Securities, a leading investment advisory firm. Studied historical growth of Exchange-Traded Mutual funds (ETF) in India including factors underlying the growth. Conducted a survey to understand investors' current awareness of ETFs and reasons for increasing portfolio allocations to ETFs.
- Summer course in Economics, Sommerville College, Oxford University** 2023
Certification course comprising in-person classroom lessons, group discussion, 2 research-based essays and feedback sessions.
- Game Theory I & II (Advanced Applications), Stanford University & University of British Columbia** 2023
Completed 2 online courses on Game theory, based on mathematical models for decision-making between rational agents. The first part covered basic concepts with illustrations for game trees, Bayesian games, and real-world applications like market trading. The second part focused on advanced topics including collective decision-making and resource allocation.
- “What are the trade-offs between economic growth and preventing climate change?”** Economics Essay 2023
Participated in the Young Economist of the Year essay competition at the Royal Economics Society (RES)
- “Trade-offs in expanding central bank mandates from monetary/ financial stability to concerns like unemployment”**
Participated in an economics essay competition at the London School of Economics (LSE) 2023

COMPUTER SKILLS

- Proficiency in **Python, Java, C++** [completed 2 levels out of 3 from **Talent Home Solutions, MUMBAI**]
Strong skills and completed courses in both **Microsoft Office Excel & PowerPoint**
- Microsoft Office (PowerPoint) National Level Competition “Sankalp” All India Rank 10** 2018

PUBLIC SPEAKING, DEBATE & COMMUNICATION

- TEDx speaker - Experiments to transform education in Indian villages.** 2023
Invited as a speaker at a prestigious TEDx event in Mumbai to share my experiences, success, and lessons in co-founding the organization ‘Kala Akshar’. The event was very well received by the audience and TEDx organizers.
- Model United Nations (MUN)** 2019-2023
Participated in 10 MUNs, winning many accolades and awards, including ‘Best Speaker’ in the International Leaders’ Conference by the Alpha Urbane project, and ‘Honorable Mention, in the International Youth Conference, Mumbai.
- Jamnabai Narsee International School Debate competition. ‘Best Speaker’** 2019
- Social Sciences Newsletter- Member Editing Team- Cheltenham College**
Assisting in the editing of the college social sciences newsletter. Have been contributing articles on economics and the environment with articles like ‘*Who is responsible for most historic climate emissions?*’ 2023
- Top 3 most bizarre religious ceremonies in India- Personal Project Documentary**
Personal project Grade X: Made a documentary on bizarre religious ceremonies prevalent even today in India such as cannibalism within *Aghoris*. I travelled to various locations, and interviewed and recorded ‘gurus.’ 2020

SKILLS & INTERESTS

Languages: Fluent in English and Hindi. Conversational Spanish.

Sports: Play for the First Team of Squash for Cheltenham College in years 12 and 13.

Music: I have been learning Piano for 8 years. Cleared Grade IV from the London School of Music.

Drama: Participated in school plays in Jamnabai school as well as Cheltenham College.