

Krishhey Thacker

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EDUCATION

Aditya Birla World Academy - University of Cambridge Advanced Level (CIE A Level)	2023 - Present
Bombay Scottish School, Mahim - Indian Certificate of Secondary Education (ICSE)	2012 - 2023

STANDARDISED TESTS

Scholastic Assessment Test (SAT) - 1540 (Math - 790, Reading & Writing - 750)	2024
International English Language Testing System (IELTS) - 8.5 (L - 9, R - 8.5, W - 8.5, S - 7)	2024
Duolingo English Test (DET) - 150 (Comprehension - 150, Literacy - 150, Production - 145, Conversation - 145)	2024

ACADEMIC AWARDS & HONOURS

International

- World Mathematics Championship Qualifiers - Gold Medal in Team and Bronze Medal in Individual	2024
- American Mathematics Competition 12A & 12B - Distinction and Qualification for AIME	2024
- Hong Kong International Mathematics Olympiad - Gold Award in Heats and Silver Award in Finals	2024
- Thailand International Mathematics Olympiad - Gold Award	2024
- University of Waterloo Hypatia Math Contest - Distinction	2024
- Bretton Woods International Economics Championship - Best Team in Asia and Overall Award	2024
- Fermat Math Olympiad - Gold Award	2024
- South East Asian Math Olympiad - Silver Award	2024
- World Mathematics Team Championship, Seoul - Bronze Medal in Individual and Top 30% Team Plaque	2023
- University of Waterloo Fermat Math Contest - Distinction, Honour Roll	2023
- International Olympiad Foundation Math Olympiad - Bronze Medal	2022
- International Olympiad Foundation Computing Olympiad - Gold Medal	2022

High School

- Academic Excellence in AS Level Subjects Maths, Economics, Chemistry, Physics and English with all As	2024
- General Proficiency for securing an aggregate of 98.8% in grade 10 & 5 A's in grade 11 AS Level	2023, 2024
- Deshpande Prize and the M.A.Nachane Memorial Prize for the Highest in Mathematics in grade 10 with 100%	2023
- Highest in Computer Science in grade 10 with an aggregate of 100%	2023

PASSION PROJECT: SAVINGS EMPOWERMENT INITIATIVE

Empowering lower-middle-class individuals with financial literacy through insights on Systematic Investment Plans (SIPs).

Internship, Ventura Wealth, Mumbai

2024

- Interned at Ventura Wealth, an investment management company, which provides a platform to trade online in stocks, derivatives, mutual funds etc.
- Explored the concept of Systematic Investment Plans (SIPs) in-depth, analyzing their structure as a fixed-interval investment strategy in mutual fund schemes compared to lump-sum investments.
- Applied this understanding to identify their advantages for financial planning and long-term wealth creation, particularly for small-scale investors, through my research paper.

Research, SIP Paper

2024

- Authored a research paper on the topic, *To what extent has SIP changed the well being of investors and lower middle class to have better savings and helped stabilise the economy.*
- Analysed data over 40 years of reports from Association of Mutual Funds in India (AMFI) to come to concise conclusions about the adoption of SIPs as a mode of investment.

Outreach, Savings Empowerment Initiative

2024

- Organised a camp for lower-middle class individuals, introducing them to Systematic Investment Plans (SIPs) and how they can invest even small amounts into an SIP and gain immense returns over time.
- Received a letter of gratitude from the Housing Secretary of my locality.

ACADEMIC DEVELOPMENT AND RESEARCH INITIATIVES

Developed expertise in economics, science, and technology through hands-on research, internships, and intensive training programs.

Economics Research, Spot, Forward & LIBOR Rates Paper

2024

- Authored a Research Paper on the topic, *Studying Spot, Forward and LIBOR Rates to determine the cause of variation of Currency Derivatives.* Published in the renowned **IOSR Journal of Economics & Finance.**
- Analysed Spot and Forward rates for 40 years using statistical tools to accomplish this task.

<i>Computer Science Internship, Birla Institute of Technology & Science (BITS), Hyderabad</i>	2024
- Designed and developed an advanced Grid-World Robot software powered by AI (A* algorithm) to navigate the shortest path in a maze with user-defined obstacles, start, and end points.	
<i>Summer School, Rigorous Science & Engineering Training Camp, PACE Institute, Mumbai</i>	2023
- Intensively participated in a 3-month summer program, focusing on advanced topics in science and engineering.	
<i>Summer School, National University of Singapore (NUS) Science Camp</i>	2022
- Explored diverse fields of Science and Technology focusing on real-world applications through lectures, hands-on activities, and demonstrations.	
- Gained insights into machine learning and collaborated with peers from various backgrounds.	
MODEL UNITED NATIONS (MUN) DELEGATE AWARDS	
- Dhirubhai Ambani International School MUN - Honourable Mention	2023
- Scottish MUN Mahim - Honourable Mention, Outstanding Delegate	2022, 2023
- Indian Youth Parliament Mahim - Outstanding Speaker	2022
- Scottish MUN Powai - Best Delegate	2022
- Oberoi International School MUN - Best Delegate	2021
- Bombay WorldMUN - Outstanding Delegate	2021
- International MUN 58.0, 73.0 - Special Mention	2020, 2021

SPORTS

- Competed in Lawn Tennis at District Level	2013 - Present
- Competed in Table Tennis at District Level	2016 - Present
- School Table Tennis Competition - 1st place	2022, 2023
- School Soccer Competition - 1st place	2023

LEADERSHIP

Executive Board, Model United Nations (MUN)	2024
- Chaired Model UN Committees and overlooked discussion in: <ul style="list-style-type: none"> Aditya Birla MUN - Assistant Director of the United States Senate International Republic MUN - Director of the United Nations Security Council 	
Sports Captain, Student Council	2021 - 2022
- Organised multiple school-wide events, enhancing leadership and teamwork skills.	
- Served as a liaison between staff and students, ensuring effective communication and collaboration.	

COMMUNITY OUTREACH

Fundraiser for Cancer Patients	2021 - Present
- Initiated and maintained a fundraiser through Milaap Organization, a leading Indian crowdfunding platform, to support cancer patients of Tata Memorial Hospital, Mumbai, India's largest cancer hospital.	
- Coordinated the provision of daily mid-day meals to 250 patients , creating a lasting positive impact.	
Jay Foundation, NGO, Mumbai	2021 - Present
- Participated in newspaper and e-waste collection drives, as well as beach cleanups.	
- Utilized the proceeds from these activities to support my fundraiser for cancer patients.	
Welfare of Stray Dogs Foundation (WSD), NGO, Mumbai	2023 - Present
- Collaborated with WSD Foundation in their campaign to provide healthcare for stray dogs.	
- Raised awareness and supported initiatives that enhanced the well-being of numerous animals in need.	

CERTIFICATIONS

- Linear Algebra I, Georgia Institute of Technology - received a total weighted grade of 100%	2024
- Vedic Maths, Udemy	2022
- 3D CAD modelling using Autodesk Fusion 360, Indian Institute of Technology	2021
- Microsoft Excel Course & Microsoft Word Course, Udemy	2021
- Total Python Course, Udemy	2021

INTERESTS

- Passionate about exploring new technologies, strategic thinking, and engaging in intellectual discussions.
- Reading biographies, investing in stocks, playing guitar, debating, coding (Java, Python, HTML), solving Rubik's cubes, staying updated on political, economic, and sports-related current affairs, and playing soccer and cricket.