

SIDDH VORA

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EDUCATION

Garodia International Centre For Learning Mumbai, India;

– International Baccalaureate Diploma Program, Grade 12;

– Cambridge IGCSE Board Examination, Grade 10;

2009 – Present

2022 – Present

2020 – 2022

STANDARDIZED TESTS AND APs

• SAT: Total – 1550; Math – 800; Writing – 390; Reading – 360

2022

• IELTS: Overall – 8.5; Listening – 9; Reading – 9; Writing – 7.5; Speaking – 9

2023

• AP Examinations: Computer Science A – 5

2023

ACADEMIC HONORS AND AWARDS

School:

• Highest subject achiever in Physics, Mathematics AA, Economics, Chemistry, German B, English L and L in Grade 11.

2022 – 2023

• Topped the school in Additional Mathematics, Physics, Economics, Chemistry, German and Accounts in the IGCSE Board Examinations.

2021 – 2022

• Highest subject achiever in Additional Mathematics, Physics, Chemistry, Economics, German and Accounts in Grade 9.

2020 – 2021

• Received the ICE Certification for 7 A*s in the IGCSE Board Examinations.

International:

• Distinction in the Fermat International Mathematics Contest by the University of Waterloo.

2023

• Distinction in the Hypatia International Mathematics Contest by the University of Waterloo.

2023

• Distinction and School Winner Pin in the AMC 12 Exam.

2023

• Silver Medal in the Hong Kong International Mathematical Olympiad (HKIMO).

2023

• Bronze Medal with India Rank 13 in the Singapore and Asian Schools Math Olympiad (SASMO).

2023

• Received the PASCH Youth German Scholarship conducted by the Goethe-Institute in Germany.

2021

• Placed 1st in the Indian West Zone and qualified for the National Round of the International Deutsch Olympiad (Held in January 2024).

2023

ECONOMICS EXPERIENCES AND RESEARCH

Research:

HDI Analysis – Newly Formed Indian States

2023

Analyzed and compared socio-economic development trajectories, unique challenges and opportunities for emerging Indian states.

Monetary Policy Implications

2023

Analyzed economic, fiscal, and social implications of central bank money creation for the debate on funding vs. traditional taxation.

Phillips Curve and Lucas' Critique

2023

Conducted research to assess the practical impact of the Lucas critique on policymakers when utilizing the Phillips curve in shaping economic policy.

Outreach:

Seminars in School

2023

Led financial literacy sessions for school staff and teachers, fostering financial well-being and awareness throughout the school community.

Expert Interviews

2022 - Present

Conducted interviews with experts in the field of financial literacy, covering a diverse range of topics, publishing these interviews on YouTube.

Sessions at different Housing Societies

2022 - Present

Organized fortnightly in-person financial literacy workshops targeting lower-income groups and women in various housing societies.

Bachat Yojana

2022

Designed and developed a user-friendly app prototype that offers personalized recommendations for insurance and savings schemes.

Financial Inclusion Project

2021

Engaged in the Financial Inclusion Project as part of the Dhan Nivesh Campaign with the ThinkSharp Foundation.

Internships:

PMS AIF World

2023

Analyzed various investment portfolios by size, tracked rolling returns, and calculated key metrics like standard deviation, beta, alpha, and information ratio. Also, assessed wealth accumulation over five years for the top 25 portfolios with a history of five years or more.

Competitions:

Dorian Fischer Memorial Prize Competition

2023

Wrote an essay on the complexities of money in economic theory, and suggested the inclusion of an underrepresented topic in A-Level or IB syllabi.

Harvard International Economics Essay Contest

2023

Explored economic concepts with real-world applications, demonstrating a deep understanding of economic theory.

Online Courses:

Game Theory Course

2023

Received a final grade of 95.88% in an 8-week online course on Game Theory, Stanford University.

APPLIED MATHEMATICS PURSUITS

Research:

Behavioral Game Theory Research Paper

2023

Examined how social norms and beliefs affect the behavior of unemployed individuals, revealing insights into the causes of extended unemployment.

Spot and Forward Rates Research Paper

2023

Analyzed the relationship between Spot, Forward, Libor and Swap rates to identify the underlying causes for currency derivative fluctuation.

Euler's Ratio-Sum Theorem Research Paper

2023

Explored and extended Euler's ratio-sum theorem to spherical triangles, introducing a related theorem and presenting its proof.

Brachistochrone Problem Research Paper

2023

Attempted to solve the Brachistochrone problem, and applied this solution to real-life scenarios, such as optimizing a fighter plane's bomb trajectory.

Internships:

Factwise Tech Pvt Limited (SAAS Company)

2023

Worked as a Business Analyst to analyze consumer behavior, improve data-driven decision-making, and contribute to website redesign efforts.

Leadership and Outreach:

Interschool Mathematics Competition

Organized an Inter-school Mathematics League, a competition engaging neighboring schools. Managed all aspects of event organization, from designing question papers to coordinating logistics.

2023

Mathematics Club

As President of the school's Mathematics Club, I initiated monthly speed math competitions and a 'Puzzle of the Week'. Mentored 20 primary students within the school, and volunteered to teach math to 40 underprivileged children through an NGO.

2022 - Present

Summer Programs and Online Courses:

Euler Circle

Took part in advanced college-level mathematics courses tailored for high-school students with a passion for mathematics. These rigorous classes provided a pathway to independent research, encouraging problem-solving and expository paper writing.

2023

Precalculus Course

Completed a 12-week credit-bearing online course on Precalculus through the University of Pittsburgh.

2022

LEADERSHIP

School House Captain

As School House Captain for 2 years, I led house activities, promoted team spirit, facilitated student-faculty communication, and organized events to foster unity and sportsmanship among house members.

2020 – 2022

Secretary General of the Garodia MUN

Led the MUN Conference, managed logistics, assigned committees, set agendas, recruited section heads, managed finance and ensured smooth flow.

2020 - Present

Class Representative and Member of the Student Parliament

Advocated for fellow students by serving as a liaison between students and school administration, contributing to policy enhancements, and collaborating with peers to implement positive changes.

2022 – 2023

President of the Chess Club

Founded and led the Chess Club for two years as President. Provided mentorship and tactical training to enhance members' chess skills, and organized a successful school chess tournament to boost the game's popularity within the school community.

2021

CREATIVE PURSUITS

Photography Project – Sculpted Echoes of Mumbai

Created a unique photography project featuring images of 22 iconic statues in Mumbai, transforming them into postcards and compiling them into a captivating photograph book. Successfully marketed and sold the book, contributing ₹100,000 to charitable causes.

2023

Art Portfolio

Created a collection of 12 striking black and white portrait sketches, featuring iconic personalities such as David Beckham, Neymar, and many more.

2022

Government of Maharashtra Drawing Exam

Attained the highest achievable grade of 'A' in the Government of Maharashtra Drawing Examination.

2020

LANGUAGE EXPERIENCES

German Spelling Bee

Organized and hosted the Inter-school German Spelling Bee, using my prior win to promote language learning and competition in the school community.

2023

German A1 and A2 Proficiency Exams

Achieved the highest "Excellent" rating in both the A1 and A2 level exams for the German Language.

2021 and 2023

Mandarin HSK-1 Exam

Achieved the 92.5% in the Mandarin HSK Level 1 Examination.

2021

COMPUTER PROFICIENCY

Online Courses:

JavaScript Course

Secured a 100% score in the JavaScript Course by MIT, ID TECH.

2021

Python Course

Completed Python Syntax Level 1, 2, and 3 Courses.

2022

Competitions:

Microsoft Office Specialist PowerPoint World Championship

Achieved the 'National Winner' award in the Microsoft Office Specialist PowerPoint World Championship. Additionally, represented my country on the global stage and secured the remarkable 3rd position internationally.

2021

ENTREPRENEURSHIP

BITS PILANI Young Tech Entrepreneurship Camp

One of 60 students in India to be selected for the BITS PILANI Young Tech Entrepreneurship Camp. Received a Certificate of Merit during the camp.

2023

Atal Innovation Mission

Engaged in the Atal Innovation Mission (AIM) in collaboration with the Government of India, promoting awareness of my app 'Bachat Yojana.'

2022

EXTRACURRICULAR ACTIVITIES

Model United Nations

Participated in 10 Model United Nations (MUN) conferences, served as Secretary General for GICLM MUN, and received accolades, including 'Best Delegate' at the Dhirubhai Ambani Interschool MUN, and 'Honorable Mention' at the Diplomathon MUN on two occasions.

2020 - Present

Speech and Drama

Pursued Trinity Speech and Drama for six years, achieving consistent distinctions in all exams up to Grade 5, and also a distinction in the Communication Skills Exam.

2017 – Present

Chess

Devoted seven years to the pursuit of chess, showcasing exceptional talent by winning four tournaments and securing second place in an intercontinental chess competition. Further contributed to the chess community by sharing knowledge and mentoring aspiring players at the SMCA Chess Academy.

2016 – Present

Guitar

Pursued guitar playing for four years, attaining proficiency by successfully completing beginner, intermediate, and advanced courses.

2020 – 2024