

NIKHIL KAMAT

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EDUCATION

- **American School of Bombay (ASB)** – Mumbai, India 2012 – Present
 - International Baccalaureate (IB) Diploma: Grade 12 — May 2021
 - HL Math Analysis & Approaches, Physics, Economics, Theatre
 - SL English Language & Literature, Spanish, Music
 - (first student at ASB granted permission to do 7 subjects)

ACADEMIC HONORS & AWARDS

- **3.94/4.00 GPA** (highest in class for Grades 9-12)
- **High Ability Program** 2017 – Present
 - A program for high achieving students offering enhanced collaboration with teachers to set academic goals and plans.
- **Subject Award** - Excellence in IB Language & Literature (ASB) 2020
- **Subject Award** - Excellence in Music, Math, & Science; Recognition in English (ASB) 2019
- **Subject Award** - Excellence in Music (ASB) 2018
- **ASB Mission Award** - Continuous Inquiry & Enhancing the Lives of Others 2018 – 2020

LEADERSHIP

- **Student Council Co-President** 2017 – Present
 - Plan, lead, & run school events. Student liaison with the local community. Promote student agenda. Implemented House System. Part of next Head of School search committee.
- **Middle School Guru Mentorship Program** 2017 – Present
 - Selected as a specialized mentor for high ability middle schoolers in Math. Create interactive lessons plans. Bridge the gap between middle & upper school.
- **Kid's Education Revolution (Teach for India) National Education Summit** 2017 – 2018
 - Chosen to attend the Summit. Brainstormed ideas and participated in discussion forums for educational reform in Bombay. 1 of 3 representing ASB.
- **Student Ambassador** 2017 – Present
 - Elected to represent the student body. Promote student awareness at school functions. Liaison between students, faculty, & local community.

STEM AND THE ARTS; INITIATIVE AND RESEARCH

- **Open Broadway Data** 2020
 - Interning with Yaakov Bressler, a Data Scientist in New York City, to create an open source website with all existing Broadway Data. Collaborating with *Broadway Creative Warren Adams* on how to best use the data to increase Broadway's BIPOC presence. Launch date December 1, 2020.
- **Rube Goldberg Machine of Musical Instruments** 2019
 - Created a Rube Goldberg Machine of Musical Instruments using parametric equations, kinematic equations, and time functions.
- **Hamilton Poster** 2018
 - Graphically re-created the Schuyler Sisters Hamilton Poster using complex equations. Kept a record journal detailing my processes & reasoning.

PERFORMING ARTS

Professional Theatre

- **ACE Productions' "Sound of Music"** 2017 – 2018
 - One of the Vonn Trapp children in Rael Padamsee's production of the Sound of Music at the National Center of Performing Arts. The production was a smash hit and the initial run was extended by several months across multiple venues.
- **Salt** 2019 – Present
 - Production at the National Center of Performing Arts Connections Festival linked with the National Theatre in the UK.
- **"Pitch In" - The Zoomical** 2020
 - Invited to be one of the 20 participants out of 150 to act in Tony Nominee Taylor Louderman's musical through Zoom. Virtual musical

School Theatre/Choir

- **High School Productions** 2017 – Present
 - Urinetown - Bobby Strong
 - Three Days in the Country - Arkady
 - Playhouse - Simon
 - The Children of Hercules – King Demos
 - The Rhinoceros by Eugène Ionesco - Botard
 - Attempts on her life by Martin Crimp – Ensemble Member
 - The Visit by Friedrich Dürrenmatt – Koby
- **High School Choir** 2017 – Present
 - Member of the High School Choir; Tenor Soloist & Section Leader. Lead practices and rehearsals for tenors & bases.

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- **AMIS Honors Choir** 2017 – Present
 - Selected as 1 of 200 participants out of 100s of students from International schools around the world to participate in a choir event in Berlin, Beijing, and Oman

Training

- **Piano** 2011 – Present
 - ABRSM, Grade 4 practical exam; ABRSM Grade 5, theory exam
- **Tap Dancing, Voice, and Acting Training** 2019 – Present
 - Weekly training with *Tony Nominee Jan Graveson*
- **NYU TISCH Pre-College Summer Program, New Studio on Broadway** 2019
 - Four weeks of intense vocal, acting, and dance training with NYU professors. 48 kids were selected for the program out of hundreds of applicants.

PUBLIC SPEAKING

- **Student Speaker at Annual General Meetings** 2019 – 2020
 - Present at the schools' annual general meeting in front of teachers, parents, and the board.
- **Student Speaker at Parent Mental Health Conferences** 2019 – 2020
 - Present to a large group of parents about what it is like to be a teenager, how to best understand their children through communication. Promoted mental health awareness.
- **Head of School Internship Program** 2018 – 2020
 - Working closely with the Head of School to create and assist students with public speaking opportunities. Promoting collaboration between students and faculty voices. Active member of various task forces during COVID-19. Helped prepare strategies for the 2020/21 school year to enable school to return in-person.

Research

- **Extended Essay** 2020
 - Analyzing the 2004 Broadway Musical *Bombay Dreams* and the cultural and racial damage it created with regard to the struggle for racial justice in the United States.
- **Internal Assessments** 2020
 - HL Math: Exploring how to efficiently visit museums in New York City in the shortest time and distance using Graph Theory, Probability, and Statistics.
 - HL Physics: Investigating the relationship between frequency and gravitational field strength using a Sonometer.

BUSINESS, MATH, & AI COURSES

- **Columbia University, Introduction to the Stock Market** 2018
 - Three-week intensive program exploring the different aspects of the stock market. Used trading simulations to transfer classroom learning into real-world practice.
- **Global Online Academy, Machine Learning and AI Algorithms Course** 2019
 - Two-week program with Northwestern professor exploring how Machine Learning and AI algorithms are applied to our everyday lives, and the benefits of them.
- **John Hopkins Contact Tracing Course** 2020
 - Online certificate program. Deepened my understanding of COVID-19, which I used to create a safe environment for my family, specifically my grandmother.
- **The Wharton School, Future of the Business World** 2020
 - Two-week online program course with Wharton professors looking at the Future of the Business world in a COVID-19 era.

COMMUNITY ENGAGEMENT & COMMITMENT

- **Public Speaking Classes at Mahatma Jyotiba Phule School (an Akanksha Foundation School)** 2019 – Present
 - Volunteer at an Akanksha Foundation school weekly where I teach 9 kids (ages 9-13) public speaking. Designed various activities and exercises to prep them to give speeches at their Annual Day. Secondary focus on building the students' confidence to speak and engage in public forums.
- **Virtual Math Lessons at the Avasara Foundation (developing the leadership potential of young women)** 2020 – Present
 - Volunteer at the Avasara Foundation school weekly where I teach 9th graders polynomials and algebra. Design active lesson plans & promote STEM for girls.
- **Staging Changes** 2019
 - Working with a group of 15 kids from the Akanksha NGO to create and perform an original theatre piece.
- **Volunteering at Ashray Foundation** 2017 – 2019
 - Volunteered several times a week at an orphanage. Ran interactive activities. Helped with homework. Raised money to buy academic supplies.
- **Service in the Clouds** 2017
 - Worked with Tibetan refugees in Dharamshala (Home of His Holiness, The Dalai Lama), India. Practiced conversational English, worked on basic grammar and also engaged in recreational activities like dancing and music.

EXTRA CURRICULAR ACTIVITIES

- **Conversational Spanish** 2020
 - Six weeks of conversational Spanish with the Taronja School in Valencia.
- **Professional Association of Diving Instructors Certified** 2014 – Present
 - A Certified Scuba Diver since 5th Grade; obtained certification passed Advanced Open Water Diver; dives every six months.

ADDITIONAL INTERESTS

- Running, Biking, Baking, Playing Instruments, Board Game Strategy, Organizing Events, Interior Decorating.