

AGASTYA DESAI

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EDUCATION

Jamnabai Narsee International School, IBDP, Grades 11 & 12 | 2025-2027

- HL Subjects: Math AA, Chemistry, Physics
- SL Subjects: Spanish A, Business Management, English

Nahar International School, Mumbai, India | 2019-2025

- Grade 9, Subjects- International Maths, English, Computer Science, Physics, Chemistry, Economics, Spanish
- Grade 8, Subjects-Maths, English, Digital Learning, Physics, Chemistry, Biology, Spanish, Geography, History, Hindi

INNOVATION, LEADERSHIP & SOCIAL IMPACT

Founder, Unburden — AI-Powered Bullying Support System | 2024-Present

- Designed and developed a mobile-based emotional-support platform for children affected by bullying, integrating an AI-powered chatbot, smart journaling, guided meditation, games, daily challenges and an early-identification questionnaire.
- Conducted a needs survey with nearly 50 NGO children; findings on repeated harassment and low awareness of bullying informed product design and educational content.
- Collaborated with a child psychologist; learned Flutter (60+ hours); tested the app with children and led anti-bullying outreach/workshops at NGOs.
- Presented the project nationally and internationally; selected to represent Team India at Regeneron ISEF 2026.

Founder, Code Pathways | 2024-Present

- Founded an accessible coding-learning platform; created Java, Python and C++ tutorials plus interactive, beginner-friendly learning resources.

RESEARCH & PUBLICATION

Author, “Investigating the Use of AI to Detect Cyberbullying” | Nov 2025

International Journal of Innovative Science and Research Technology (IJISRT), Vol. 10, Issue 11

- Published research examining AI approaches to cyberbullying detection; Article Digital No. IJISRT25NOV532.

Researcher under the mentorship of Dr. Robert Chun, PHD from UCLA | 2025-Present

- Conducting independent research on artificial intelligence and AI chatbots; analyzing scholarly literature on advancements, applications and ethical considerations.

PROGRAMS & PROFESSIONAL EXPERIENCE

Summer Intern, Exponentia AI — CEO Dashboard / Data Analytics Project | Summer 2026

- Worked with the CEO to understand how leadership dashboards transform operational data into decision-relevant insight.
- Learned to collect, organize, manage and clean data; explored data quality, metric selection and information structure for an effective CEO dashboard.

CREST Gold Award | Jun 2026

- Recognized for sustained independent STEM research/project work, evidence-based inquiry and rigorous project development.

Participant, LaunchX Innovation Program | 2025

- Collaborated with international peers on a real-world company challenge and developed a practical team-based solution.

Young Scholars Programme, Ashoka University — Tech, Data & Computer Science Stream | 10-14 Jun 2024

- Completed all elements of the stream, gaining interdisciplinary exposure to technology, data and computer science.

YLAC High School Achievers Program | 18-25 Jun 2023

- Completed a Young Leaders for Active Citizenship program focused on leadership, empathy, social context and positive change.

ACADEMIC HONORS & AWARDS

IRIS National Fair — Gold Medal & Special Category Recognition | 2025-26

- Awarded for Unburden in Behavioral & Social Sciences; recognized for originality and impact and selected through the national pathway for Team India / Regeneron ISEF 2026.

Regeneron ISEF — Team India Finalist / Representative | 2026

- Selected to present Unburden internationally in Behavioral & Social Sciences (project listing: BEHA052).

Hong Kong International Mathematics Olympiad — Gold Award | 2025

Asia International — Bronze Award | 2025

International English Olympiad (IEO) — 1st Zonal, 4th International | 2023

EUMIND eJournal Project — Certificate of Excellence, Best Article | 2023-24

- Co-authored the project/article “Regions,” recognized for research, presentation and creative communication.

COMMUNITY OUTREACH

Volunteer, Angel Xpress Foundation | 2023-2024

- Taught Spoken English and basic Math to underprivileged, first-generation learners through weekly two-hour sessions supporting academic development and confidence building.

Volunteer, Shikshantar Foundation | 2023-2024

- Bullying awareness sessions, confidence building and awareness sessions.

CODING & TECHNICAL SKILLS

Python (MindChamp Level 4) • Java (MindChamp) • C++ • Flutter • Data collection, organization and cleaning • AI/chatbot research • CEO dashboard fundamentals

Coding Competition: Pillai Global Academy Tech Fest

STEM, CREATIVE INTERESTS & ACTIVITIES

LEGO Building & Engineering Play | Ongoing

- Long-standing interest in large, complex LEGO builds; spends extended periods constructing, iterating and solving spatial and structural challenges.

Speedcubing | 2019

- Participated in the National Cube Championship, 23 Jun 2019; also successfully completed the Three Layered (Basic) Cube Course.

Football

- Runners-Up, Under-16 Inter MQ Football Tournament; competitive team-sport participation.

Music — Trinity College London, Initial Rock & Pop Guitar, Entry 3, with Distinction | 2019

- Graded examination: 1 Oct 2019; certificate issued 2 Dec 2019.

LANGUAGES

Fluent in English, Hindi and Spanish