

AARAV CHOKHANI

401, Angel, Krishna Sanghi Path, Next to August Kranti Maidan, Mumbai 400007

Mobile: +919930232009 | Email: aaravchokhani@gmail.com

EDUCATION

Ascend International School, Mumbai, India

- *International Baccalaureate Diploma Program, DP1 & DP2*
- *International Baccalaureate Middle Years Program IBMYP4 & IBMYP5*

2017 - Present

2025 - Present

2023-2025

STANDARDIZED TESTING

- **SAT:** 1500 (Reading & Writing: 720; Math: 780)
- **TOEFL:** 110; 5.5

2026

2026

ACADEMIC HONOURS AND AWARDS

School Awards

- Principal's Honour Roll, Grade 11: Achieved a minimum average of 6.5/7
- High Honour Roll, Grade 10: Achieved a minimum average of 6/7
- Second in School, IB MYP 5 e-Assessments: Scored 52/56
- High Honour Roll, Grade 9: Achieved a minimum average of 6/7

May 2026

May 2025

Aug 2025

May 2024

International Awards

- International Chemistry Quiz: First in School, Distinction
- Hong Kong International Mathematical Olympiad (HKIMO): Gold Award
- Siam International Math and Science Olympiad (SIMSO Math): Silver Award
- Aryabhatta National Maths Competition (Round 1): 90 per cent
- Avogadro Chemistry Exam: First in School, Distinction
- Asia International Mathematical Olympiad (AIMO): Gold Honours
- Singapore and Asian Schools Math Olympiad (SASMO): Bronze Award
- American Mathematics Competition 12 (AMC 12): Second-highest in School
- John Locke Institute Global Essay Prize, Economics: Shortlisted, Top 18.65%. Awarded scholarship USD 500
- International Mathematics Olympiad Competition of Southeast Asia (IMOCSEA): Gold Award

August 2026

June 2026

May 2026

May 2026

May 2026

April 2026

April 2026

November 2025

August 2025

Jul 2025

SOCIAL INITIATIVE - CHILD HUNGER

Founder, Food Equity and Empowerment Drive (FEED)

July 2025 – Present

- Founded a social initiative addressing child hunger through nutrition access, research, advocacy, and community engagement in partnership with Akshaya Chaitanya Foundation, Mumbai.
- Raised INR 2.34 L through the Tata Mumbai Marathon to support meal procurement and distribution; organized Nourish+, a health camp serving 2000 attendees through nutritional screenings, BMI/eye checks, and multilingual low-cost nutrition guidance; received Letter of Recommendation from Ministry of Social Justice & Empowerment.
- Conducted dietary-preference surveys, interviewed students, families, teachers, and volunteers to document grassroots perspectives on food insecurity and mid-day meals, and developed a FEEDback consultation system for Akshaya Chaitanya's new kitchen.
- Authored a long-form white paper examining the social and educational effects of food insecurity and evaluating culturally sensitive, policy-led approaches to improving food access.

ECONOMICS AND CHEMISTRY EXPERIENCES AND RESEARCH

Research

Independent Research Project – India's Fertilizer Subsidy Policy and Food Security ([LINK](#))

May – July 2026

- Evaluated the effectiveness of India's fertilizer subsidy policy in ensuring food security, assessing its impact on agricultural growth, food supply, and distribution of benefits across farmers.
- Published "*To What Extent Does India's Fertilizer Subsidy Policy Achieve Its Stated Goal of Ensuring Food Security?*" in *Journal of Economics, Finance and Management Studies (JEFMS, Volume 09, Issue 08, August 2026)*.

Mentored Research Project – Education Policy and Nutrition ([LINK](#))

June – December 2025

- Analyzed ASER datasets to investigate the association between India's Mid-Day Meal Scheme and student learning outcomes under Dr. Rohan Ray, National University of Singapore.
- Published "*Beyond Nutrition: Assessing the Association Between India's Midday Meal Scheme and Foundational Learning Outcomes*" in *Curieux Academic Journal (Part 3, Issue 2, December 2025)*.

Research Internship

Sumitomo Chemicals India Limited (SCIL)

June 2026

- Examined trade-offs between environmental sustainability and economic feasibility in developing affordable agricultural formulations for smallholder farmers.
- Authored "*Green Chemistry, Green Economics: Evaluating R&D Pathways for Affordable Bio-Based Crop Solutions in the Indian Context.*"

Internship

Hikal Ltd.

July 2026

- Studied cost structures, pricing, and distribution across the agrochemical value chain to understand barriers affecting smallholder farmers' access to crop-protection solutions.
- Produced a strategic report evaluating how market structures, business models, and policy interventions could improve affordability and food-security outcomes.

Tosh Chem Pvt Ltd

April 2026

- Studied economics of the petrochemicals business, participated in meetings to implement AI-based market price forecasting systems.

- Visited bulk chemical tanker MT Brave Ocean in Mumbai Port Trust to observe how liquid petrochemicals are stored in port tank farms. Visited the plant of Deepak Fertilisers Ltd, a Tish Chem business partner, to observe the fertiliser manufacturing process.

Summer School

“Principles of Economics” (ECON 1), UCLA Summer Sessions

June – July 2026

- Completed an intensive 6-week online synchronous 4-credit course exploring microeconomic concepts including supply and demand, elasticity, externalities, surplus, resource allocation, and income distribution.
- Applied economic principles through quizzes, short essays, and application-based assessments; earned a Final Grade of 94.9% (A).

“Behavioral Economics,” Johns Hopkins Center for Talented Youth

July 2025

- Completed a 3-week online synchronous course exploring cognitive, behavioral, affective, and social factors shaping individual and institutional decision-making.
- Examined departures from traditional economic models through concepts of bounded rationality and insights from psychology, neuroscience, and microeconomic theory; received a Certificate of Completion.

Boston University Summer Challenge

June 2024

- Completed an in-person pre-college program with coursework in Computer Science and Nutrition, learning Python fundamentals and developing a Hangman game as a final project.
- Studied food groups and athlete-specific nutritional needs, culminating in a final presentation on sports nutrition and protein; completed the Summer Challenge program.

LEADERSHIP

House Captain, Student Council, Ascend International School

2025 – 2026

- Elected House Captain of Water House; coordinated inter-house events, finalised teams and coordinated participation across Sports Day, quizzes, band events, and other inter-house competitions.

Sports Head, The Ascend, Ascend International School

2024 – Present

- Promoted to Sports Head after contributing as a writer since 2020; editing student submissions, covering sporting events, interviewing athletes, and coordinating monthly editions with the Chief Editor.

Vice House Captain, Student Council, Ascend International School

2024 – 2025

- Elected Vice House Captain of Water House; supported the coordination of inter-house events, recruited students for house representation, and helped maintain participation and decorum during competitions.

COMMUNITY SERVICE

Akshaya Chaitanya

2022-Present

- Served breakfast prepared by Akshaya Chaitanya’s central kitchen once a month to children in Municipal schools

Geeta Seva Soup Kitchen

June 2024

- Food preparation and distribution, making and serving sandwiches and energy drinks to children from underserved communities.

Push India Push

May 2024

- Volunteered across six fundraising and support events, helping raise \$5,000 to benefit 40 veterans living with limb loss.

SPORTS PURSUIT

Athlete, Football Team, Ascend International School

2017 – Present

- Trained at Barca Academy and FootieFirst Academy since 2014, before joining the school team as a defender in 2017; won the Ascend Cup (2025), Oberoi (2025), and Aditya Birla (2024) tournaments.

Athlete, Basketball Team, Ascend International School

December 2021 – Present

- Competes as a point guard; recent results include 1st at Ecole Energise (2026), 2nd at Ascend Cup (2026), and 3rd at Oberoi International School (2026), alongside multiple tournament wins since 2024.

ONLINE COMPETITIONS, COURSES & OTHER ACTIVITIES

Student, Fundamentals of Quantitative Modelling, Wharton - University of Pennsylvania

2026

- Completed coursework in quantitative modelling for business, covering linear and probabilistic models, optimization, regression analysis, Monte Carlo simulations, Markov chains, and the use of models for forecasting and risk analysis.

Participant, Academic Essay Competitions

2025 - 2026

- Submitted essays examining taxation of the top 1% for the LSESU Economics Essay Competition (2026) and central-bank stabilization in response to external energy shocks for the Marshall Society Essay Competition (2026)
- Submitted an essay on carbon-offset markets for the Harvard International Economics Essay Contest (2026); shortlisted in the Top 18.65% of the John Locke Economics Essay Prize and awarded a \$500 scholarship (2025)

Participant, Mathematics Competitions

2025 – 2026

- Participated in AMC 12, AMO, IMOCSEA, SASMO, AIMO, SIMSO Math, Aryabhatta Math and HKIMO, earning multiple Gold, Silver, and Bronze distinctions.

Participant, Space Settlement Design Competition

2024

- Advanced with an 11-member team through the Indian National Round and Asia Regional Semifinals; contributed to a 40-page Mars-orbit settlement proposal addressing materials, water systems, and gravity.

EXTRACURRICULAR ACTIVITIES

Musician, Drums

August 2022 – June 2026

- Trained in drumming technique, finger exercises, sheet reading, and performance repertoire including *Hotel California*, *Sweet Child O’ Mine*, and *Uptown Funk*; achieved **Merit in Trinity Grade 2 (2025)**.

SKILLS

Computers: Microsoft Office, MacOS, Python, C++ | **Languages:** English (native), Hindi (fluent), Spanish (intermediate)

INTERESTS

Food, Football, Basketball, Travel, Movies, Music