SUMAIR AHUJA

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EDUCATION

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The Shri Ram School, Moulsari, Gurugram, Haryana, India	2011 – present
International Baccalaureate (Grade 11 – 12)	2023 – present
IGCSE (Grade 9 – 10): achieved 8 A*s and 1 A	2021 - 2023
ACT : 35/36 (English 35, Maths 36, Reading 31, Science 36)	
ACADEMIC AWARDS	
<u>SCHOOL</u>	
Adam Smith Award, The Shri Ram School Moulsari for scoring a 7/7 in Economics	2024
Marie Curie Award, The Shri Ram School Moulsari for scoring a 7/7 in Chemistry	2024
Aryabhatta Award, The Shri Ram School Moulsari for scoring a 7/7 in Mathematics Analysis & Approaches	2024
<u>INTERNATIONAL</u>	
Sir Isaac Newton Physics Competition, University of Waterloo, awarded Distinction	2024
Asia International Mathematics Olympiad, Silver Honor	2024
Hong Kong International Mathematical Olympiad, Bronze Award	2023
John Locke Economics Essay Competition, Commendation	2023
Cambridge Assessment International Education Star Award for achieving 8A*'s in IGCSE	2023
Cambridge Assessment International Education Award for securing the highest grade in English Literature, M	athematics
(Extended), Physics, Chemistry, Business Studies, Economics, Computer Science, and Spanish	Jul 2022
Southeast Asian Mathematics Olympiad, ranked 31 nationally	Aug 2022
LEADERSHIP	
Student Council, The Shri Ram School Moulsari	2023 - 2025
Head of Student Council (Boy)	2024 - 2025

- Leading a 28-member student council; compere weekly assemblies, coordinate school events, and communicate student body concerns to the administration; responsible for creating weekly meeting agenda
- Conducted mentorship and circle time sessions for Grade 9 students to address bullying and lack of cohesiveness across different segments; recommended a faculty mentor be assigned to ensure resolution
- Supported faculty members in organizing Deputy Council elections; interviewed and mentored 30+ candidates

Sagar House Vice Captain

2023 - 2024

- Assisted captain in team selections for intra-school events; coordinated with sports and events departments
- Oversaw election for house form representatives; conducted 25+ interviews to select one candidate per grade
- Led House members in lifting the Champions of Champions & Sports Day trophy, a milestone achieved after 14 years
 Up SportsHub Founder
 Jan 2024 present
- Launched an initiative to upcycle athletic equipment and promote sports culture across social segments
- Solicited donation of and collected 1000+ board games, racquets, skates, and athletic gear; raised INR 1.3 lakhs deployed to
 fulfill the wish lists submitted by four NGOs serving marginalized communities in the Delhi-NCR region

More Than Play, Delhi - Lead Student Volunteer

Apr 2023 – present

- An initiative focusing on teaching life skills through sports to children from less economically stable backgrounds
- Helped improve conflict resolution, confidence, and leadership skills in 500+ children through team games
- Recruited and trained new volunteers; shared best practices on developing leadership skills through sports
- Organized a cricket tournament, invited coaches to conduct training sessions for the children

EDUCATION EQUITY & INCLUSION INITIATIVES

GetItDone(bit.ly/SumairGetItDoneFigma) – Innovator & Designer

Sep 2024 – present

- Designed an all-in-one productivity app on Figma: integrating timetables, to-do lists, and personalized productivity tools to support diverse learning styles and enhance educational equity
- Developed an AI-driven quiz feature that analyzes user inputs to recommend tailored study techniques, optimal learning times, and resources for maximizing individual productivity

Thrive Today, The Shri Ram School – Founder & Lead Organizer

Jan 2024 – present

- Launched an English language program to cultivate 4 C's confidence, collaboration, communication, conflict-resolution, and leadership skills among my school students belonging to the economically weaker section
- Led weekly sessions with activities such as one-word storytelling, role-plays, and musical conversations to encourage
 expression; used cards called 'Guftagoo' to stimulate conversation around integration issues

Impact Assessment Report, The Shri Ram School, Moulsari – Author

Sept 2024 – present

- Conducted research using primary data from surveys on challenges faced by EWS students in private schools
- Suggested initiatives to improve inclusivity and academic success as a blueprint for schools in the region

Confederation of Indian Industry Education Panel (CII), New Delhi – Research Intern

Jul 2024 - present

- a non-governmental trade association and business advocacy group
 One of four student representatives on this panel providing recommendations on public education in Delhi
- Preparing a white paper on social and emotional well-being to be submitted to Delhi State Government

Governance, Public Policy, and Leadership Program, Innovapolis and UN GCNI - Participant

Jul - Aug 2024

• During a one-month fellowship learned how UN initiatives shape public policy

• Prepared a brief on 'Empowering Rural Communities in India Through Social Entrepreneurship;' submitted a research proposal investigating dropout rates in government-run high schools in Delhi NCR

BEHAVIORAL & FINANCIAL ECONOMICS EXPLORATIONS

Anicut Capital, New Delhi – Intern

Jun 2024

- Shadowed angel fund team for three weeks; prepared investment committee notes for two potential deals
- Researched and prepared a report on ten potential investment opportunities for the firm, including details such as founder backgrounds, past investors, post-money valuation

Accenture @The Forage - Virtual Internship

Jun 2023

 Analyzed seven different data sets using Excel; identified common consumption metrics to enable strategic marketing decisions; prepared a PPT and video presentation to communicate trends to Accenture's stakeholders

RESEARCH

Cognitive Biases and Athlete's Decision-Making Abilities – Independent Research

May - Jun 2024

- Mentored by Delhi University's Professor Dhawan, investigated prevalence of cognitive biases like loss aversion, anchoring and availability biases, framing bias, endowment effect, and the sunk cost fallacy during play
- Designed and administered a survey to thirty athletes; data analysis highlighted that recognizing the role of cognitive biases can improve performance and reactions in high-pressure situations
- Published in the International Journal of Multidisciplinary Research (https://bit.ly/SumairCog)

Analysis of GPI as an Economic Indicator – Independent Research

Dec 2023 - Jan 2024

- Evaluated traditional indicators like GDP, HDI, GNI, government budgets, money supply and their inability to account for environmental sustainability, social well-being, and income inequality
- Explored how GPI could address these gaps and serve as a more accurate reflection of true societal progress
- Published in the International Journal of All Research Education and Scientific Methods(bit.ly/SumairGPI)

Impact of Tax on Smoking Behavior – Guided Research

Mar 2024

• Analyzed externalities of a policy decision to raise taxes on tobacco; concluded that despite reducing domestic production and consumption, problems arising from illicit purchasing would be detrimental

COMPETITIONS

World Economics Cup – Achieved Bronze Individual Award in the Continental Round May 2024 Mar 2024 Bretton Woods Economics Competition – one of 40 finalists out of 124 teams Jun 2023 John Locke Essay Competition – Awarded commendation & Shortlisted for final round **ENRICHMENT PROGRAMS**

Analytics for Decision Making, BabsonX

Oct 2023

Behavioral Economics and Public Policy, Indian Institute of Management, edX

May - Jun 2023

STEM EXPLORATIONS

Innovation School, Makers Asylum – Participant & Innovator

Mar - Jun 2024

- Engaged in 40 hours of online classes; learned Electronics, CAD, IoT, Fusion 360
- Spearheaded projects like an ambulatory robot, intruder alarm with ultrasonic sensors; remote-controlled mood lamp <u>Guitar Glove</u> (<u>Link to Project</u>) – Awarded Open Source Hardware Association (OSHWA) certificate
- Collaborated and applied Arduino IDE, Adafruit, and Fusion360 software, and circuit-making skills to build an assistive guitar learning experience using a smart glove with LEDs to indicate correct hand positions
- Responsible for project documentation, writing Publisher Code; designing the ultrasonic sensor case, soldering

Impact of Horizontal Radius Changes in G Forces and Speeds in A Roller Coaster - Guided Research

ongoing

- Designed roller coaster model using PVC pipes and an iron ball to test varying horizontal radiuses on rider experience
- With the radius values taken, a direct relationship between G force and radius size is anticipated

Exploring the Extremes, New York Academy of Science – Research Competition

Sept - Nov 2022

- Led four peers for this international competition and explored creative solutions to developmental challenges
- Investigated the impact of Tridax Procumben extract to combat yellow mosaic virus on okra plants

Engineering Intensive, NSLC – Participant

Summer 2023

• Learned soldering, CAD, and windmill building; developed a productivity-boosting website addressing different learning needs and engaged in a civil engineering project focused on sustainable urban planning

SPORTS

• Excellence in Athletics, The Shri Ram School Moulsari

2024 2023

• Excellence in Soccer Award, The Shri Ram School, Moulsari • Excellence in Basketball Award, The Shri Ram School, Moulsari

2023

BASKETBALL - Member, U-19 and U-17 team, The Shri Ram School Moulsari

2016 - present

• National level ISSO tournament and the All India Asian Challenge – Participant

2024, 2022 2023

• WIN Mumby, Woodstock – 3rd place

2023

• Gurgaon Block Basketball Championship – Semi-Finalists **FOOTBALL**

2016 - present

• National level ISSO Sports Tournament, Surat – Participant

2022

• Pre-Subroto Cup – Finalists

2022

HOBBIES

Sports: Golf (2009 - present), Table Tennis (2015 - present), Tennis (2024 - present); Video Games