

Sauhard Jain

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Education

Delhi Public School, Mathura Road

Grade 1-12

Physics, Chemistry, Mathematics, English and Computer Science; All India Secondary School Examination: 97.0%

Academic Achievements

- **Grade 9: CGPA 10, Grade 10: 97.0%, Grade 11: 82.6%, Grade 12 (Midterm): 92.6%, Grade 12 (Predicted): 97.2%**
 - **Gold Medal for Academic Excellence** for being a Scholar Badge-holder since class 4th, i.e. scoring above 85% each year.
 - **Subject Proficiency** for receiving the highest score in Computer Science in Grade 11.
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Scholastic Achievements

- **International Rank 6** and Zonal Rank 1 in the **National Cyber Olympiad** organized by SOF.
 - Received the DELF diploma (Diplôme d'études en langue française) in levels A1 & A2.
 - **High Distinction** in the Australian National Chemistry Quiz (Highest Scorer in School | Top 10% nationally).
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Standardized Testing

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| • American College Testing (ACT): 35/36 | 2019 |
| • SAT Subject Tests: Math II – 800 Physics – 760 | 2020 |
| • Advanced Placement: Calculus BC – 5/5 Computer Science A – 4/5 | 2020 |
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Leadership Responsibilities/Roles

Head Boy, Student Council, Delhi Public School Mathura Road

Grade 12

- Led the 6500+ student body and the 75-member Student Council as the Head Boy.
- Being the School Spokesperson, I anchored events such as the Teachers' Day and the Investiture Ceremony.
- Responsible for planning, facilitating, supporting, and coordinating all activities undertaken by the Student Council, including the National Inter-DPS Quiz (one of the largest inter-school quiz championships in North India).
- Acted as liaison between the student body and school administration to maintain discipline, as well as address all manner of predicaments faced by students and implement solutions.

Co-Founder and Director of Operations, AatmSamman [aatmsamman.in]

2018-present

- Organized camps to provide rudimentary relief materials such as winter clothing, blankets, and nutritious eatables at nominal prices to the underprivileged, creating a sense of self-worth among them.
- Sourced the materials through collection centers set-up across the city by the members and volunteers of the initiative.
- Established a social media presence and started an art showcase series to raise awareness on social inclusion. [[Instagram](#)]
- Partnered with a governmental coronavirus-relief campaign and developed sanitation guidelines in low-resource languages.

Chief Executive, WarP (Computer and Robotics Club), Delhi Public School Mathura Road

Grade 9-12

- Organized the school's annual Computer Symposium with more than 45 participating schools and 400 student participants.
- Served as the Development Head and Judge for the Creative and Group Discussion events.
- Led creation of Learning Resources in seven technological disciplines to train junior students. [<http://bit.ly/warp-resources>]
- Conducted one-year workshops to train students in various fields. [<http://bit.ly/warpworkshops>]

Deputy Secretary-General & Vice President, Model United Nations & Quizzing Society

Grade 9-12

- Organized the largest edition of my school's annual Model UN Conference, MUNQSMUN'19. [munqsmun.in]
Successfully expanded our conference to a national-level event with over 25 schools and 500 delegates participating.
Managed senior secretariat, interviewed undergraduates for executive board positions & oversaw conference finances.
- Led the school delegation to victory, winning 5 Best Delegation awards at national-level and regional-level conferences.
- Trained and recruited juniors for two years in this field through mock sessions and intra-school Model UN conferences.

Chief Financial Officer, RetOpto (The Young Entrepreneur program)

Grade 11-12

- Developed RetOpto, a reverse-logistics and returns management startup aimed at profit maximization and increasing supply chain efficiency for omnichannel retailers. [[Executive Summary](#)].
- Pitched business plan, developed software prototype, and handled financial modeling as the CFO. Designed a UI Prototype.
- Successfully tested software prototype in an 8-week trial run with Giris with intent to roll out nationally ([Letter](#)).
- Attended a five-month-long entrepreneurship boot camp consisting of lectures by imminent startup founders in the fields of consumer behavior, financial modeling, marketing strategy, product design, and startup math.

Head of Finance & Entrepreneurship, Economics and Consumer Club, Delhi Public School Mathura Road **Grade 11-12**

- Organized and judged the national-level business-plan contest - Investopad 2020 - along with undergraduates from the Ross Business School, SP Jain School of Management and Delhi University
 - Served as a columnist for my school's annual Economics Journal (2019-20).
 - Introduced juniors to basic investment concepts through mock stock competitions and consumer moot courts.
 - Captain of my school's team for the Knowledge@Wharton High School Investment Competition: managed a virtual investment portfolio of \$100,000 and developed a quantitative investment model.
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Internships/Work Experience

Applied AI Research Intern & Trainee, Indian Institute of Technology Kanpur (Dept. of EE) **June - July 2020**

- Learned about the application of unsupervised and supervised machine learning and neural networks on practical projects.
- Presented a capstone research project on **Stance Classification for Fake News Detection** ([Research Paper](#)).
- Created a multi-label classification algorithm for translation of Indian Sign Language.

UX Design and Data Analytics Intern, Unplug Design Studio **August - September 2020**

- Revamped the website design to improve user experience and developed a new front-end user interface.
 - Worked with HTML, CSS, Sass, JavaScript, and a Jekyll-based CMS platform.
- Implemented SQL-based database management software to facilitate data-driven design exploration to assist the creation of building plans.
- Used data analysis tools to successfully cut down on research time by 40%

Web Development Intern, GroMo (Vitrak Fintech Pvt. Ltd.) **January 2020**

- Authored report on evaluative research of conceptual features for the website to align the interface with users' needs.
 - Implemented changes in the website under senior developers using React and jQuery.
 - Reduced number of clicks by 34% and wait time by 25% on the website. Used Google Analytics to monitor user engagement.
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Computer Science Awards/Projects ([Github Account](#))

Designer and Developer, Australian Open Source Software Innovation and Education **November 2019-February 2020**

- **Awarded as the top 6 finalists across the world during Google Code-In 2019.**
 - Worked as a Python Developer on MindTheWord - a chrome extension that offers real-time language immersion through automated text processing (Article: bit.ly/mtw-medium).
 - Designed the primary logo (currently in usage) and a conceptual user-interface for StarCross after conducting UX research.
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Lunar Temperature Regulation System (Space Engineering Project) **2019**

- LuTeRs is a scalable cooling solution for server enclosures on the lunar surface. It tackles the issue of temperature regulation in the most energy and volume efficient manner possible while taking into consideration the various extremes of space and the lunar surface environment.
 - This project was chosen as the second runner-up at SpaceTech 2019 organized by the National Space Society (Delhi Chapter) and Exun Clan.
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Community Service/Volunteering

Founding Member, Peer Mentoring Society, Delhi Public School Mathura Road **2019-2020**

- Organized 15+ offline workshops and 3 online webinars helping young students deal with physical violence, verbal abuse, cyberbullying, and mental health disorders.
- Teamed up with in-school counselors for these sessions. (Webinar pictures: <https://bit.ly/samparkphotos>)

Lead Coding Mentor, Learn to Earn (We Make Change India) **2020**

- Worked with the IOE IYCM Institute as a Coding Mentor to create a web development curriculum for teaching HTML, CSS, and JavaScript to young children.
 - Led one-on-one sessions with 12 children under the organization to equip them with computing skills from an early age.
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Online Courses

- University of Pennsylvania's Computational Thinking for Problem Solving (Coursera)
 - MITx Introduction to Computer Science and Programming Using Python (Achieved a final grade of 98%)
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Additional Information

- **Award & Honors List** available at <http://sauhardjain.me/awardlist.pdf>
 - **Languages/frameworks:** Python, PHP, MySQL, Git, Bash, Visual Basic, JavaScript, CSS, Sass, Node.js, React, C++, and C.
 - **Design Tools:** Adobe Photoshop, Illustrator, Affinity Designer, Figma, Sketch, and Adobe XD.
 - **Game Development:** Construct 3 and Unity 3D.
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