

# ARJUN RAJ LOOMBA

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## EDUCATION

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**Jayshree Periwal International School, Jaipur**

*April 2017 - Present*

Currently a Student of Grade 12

**Delhi Public School International, New Delhi**

*start of schooling years - April 2017*

## MY OBJECTIVES

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To develop products that are in some way related to economics, engineering and data Science.

To develop apps and products that aid sustainable development, even if in a small way. Thereby, combating issues such as climate change and gender inequality.

To never stop learning and maintain a sense of curiosity.

## ACADEMIC ACHIEVEMENTS

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**SAT: Standardized Aptitude Test** 1520. 99th percentile. Math:800/800, Evidence Based Reading and Writing: 720/800

**IGCSE** - 10/10 A\* with 99 in economics, 97 in chemistry and 96 in Physics, International Mathematics and Spanish.

Others: 93 in History and CS, 92 in additional Mathematics and English Literature, 91 in English Language.

**11th IB term 1** - 42/42 (7/7 in each of the following subjects - Physics HL, Computer Science HL, Math HL, Economics HL, Spanish Ab initio SL and English SL. (HL: Higher level, SL: Standard Level).

Olympiads - Math Olympiad second level. Stood 3rd in school in 2018. IGKO - 30 international rank 2018.

## EXTRA-CURRICULAR

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Student Government:

- Sports Head Boy of JPIS, elected by over 2000 school students. This is a top 3 position in the student council. I was also the lead organizer of the annual Sports Meet 2020 at JPIS.
- President of Debate
- Vice-President of the school football team.

Football:

- Played in SGFI nationals u-19 category 2018, held in Rajasthan.
- Represented Jaipur team at school states championship 2018 u-17 category.
- Represent my school team at all u-17 and u-19 tournaments, where won third place at IBSO tournament Bhopal (2018), 1st place IBSO tournament Jaipur (2018) and 1st place at Father Batson tournament st.Xaviers (2019)

#### Guitar:

- trinity grade 3 level - crossed with merit
- Distinction at initial level

#### Public Speaking

- Tedx Speaker. Spoke at TEDxYouth@JPIS 2020 about my initiative Kickoff and my journey with GirlUp.
- Participated in Harvard MUN and WFUNA - New York
- Won several awards including the Best delegate award at JPIS MUN 1.0, 2.0 and JPHS MUN.
- Special Mention at the Sanskriti MUN.

#### Community Service:

- I am the Vice-President of the Parvaah NGO based out of New Delhi and Jaipur. With Parvaah we organized a range of campaigns such as the do mutthi ahaar campaign wherein we collected and then donated pulses. Parvaah has also conducted other drives such as tree plantation in the Noida area of the National Capital Region, a clothes donation campaign for cleaners at school and a campaign to paint a school - Shiksha Bharti - in Jaipur, Rajasthan. Additionally, I led a campaign with Parvaah for donation of clothes to cleaners at school. We impacted over 200 lives through this.

#### Others:

- I am a leader of a GirlUp club( an initiative of the UN foundation) at school. I am the first leader of a GirlUp club in Jaipur.
- I am taking part in the KWHS investing competition by the Wharton School of the University of Pennsylvania. I am a lead analyst for Scion Capital which won second place at the regional finals at Bangalore in February of 2020. We have secured a place in the global finale at Wharton which will be held in May 2020
- I took part in the IPPF debate competition by the New York University and the Brewer Foundation. My team (of 3) and I qualified for the global top 64.
- I am part of the organizing team of India's first fully school student run online hackathon known as hack.run held in May-June 2020.
- Member at Spark( Student body at JPIS aiming to nourish childrens' hobbies). In 2019, my team and I raised over 2 Lakh rupees through an event with over 1000 participants.
- Volunteer at TedXYouth@JPIS 2019 and 2018 in the Curation department.
- Member of the JPIS editorial club
- Participated in several interschool competitions like MinetX (Mothers International school, New Delhi)

#### PROJECTS

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##### **KickOff, Delhi/Jaipur** *Sports, technology*

2019-2020 (Ongoing)

- An initiative to connect student footballers with the underprivileged community. Here, I developed a football curriculum using my training and the help of my to aid football volunteers to imbibe certain attributes in underprivileged children through football in a short period of time. Kickoff is currently

in process of organizing its pilot project in New Delhi and Jaipur. KickOff has already partnered with Girl-Up and the Seva Bharti non-profit in New Delhi.

- to know more visit <https://www.kickoffinitiative.com/>

### **Data Science/ML research**

April-July 2020 (Ongoing)

*Technology, finance*

- A research project under professor Debayan of MIT on using Machine Learning models for financial analysis. This includes both the organization of past data and further using CNN and LSTM to devise algorithms to build financial prediction models.

## **STRENGTHS**

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### **Programming/software knowledge**

Python, HTML, CSS, Javascript JQuery, Latex

### **Writing and analysis**

Critical writing, persuasive writing

## **PERSONAL TRAITS**

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Highly motivated, hardworking, puts learning above achievement

Extremely competitive, yet places a high degree of importance to ethics and morals.

Ability to work as an individual as well as in group.

Internationalist mindset, yet down to earth.