

Designer. Developer

# HRITIK AGGARWAL

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## EDUCATION

### University of Washington, Seattle (College)

SEPTEMBER 2018 - PRESENT

- Direct Admit to College of Engineering
- Current Courses: Computer Programming I, Calculus with Analytic Geometry II, English Composition

### Delhi Public School, Rohini (High School)

APRIL 2006 - MAY 2018

- Got 90.8% in class XII CBSE Board Examination

## LEADERSHIP EXPERIENCE

### EduTech Organization ([edutech.academy](https://edutech.academy))

APRIL 2016 - AUGUST 2018

HEAD OF OPERATIONS

- A non-profit organization that works for the betterment of the society through online tutorials that educate people across the globe about the basics of technology in multiple languages.
- Starting as the Front-End Head for the organisation in 2015, I redesigned the website UI/UX.
- Appointed as the Head of Operations in 2017.

### XINO, Computer Club ([xino.co.in](https://xino.co.in))

MARCH 2010 - MAY 2018

PRESIDENT

- Being a part of my school's computer club called XINO, I participated and won over 40 inter-school competitions ranging from web development, graphic designing, video editing, and much more.
- Conducted several workshops for students from classes VI- XII.
- Appointed as the Secretary in 2016.
- Appointed as the President in 2017.

### Cabinet, Delhi Public School Rohini

MARCH 2017 - MAY 2018

PRESIDENT IT

- Posted as the President Information Technology in my high-school student body.
- Organised several events and workshops for school students.

### DPSR MUN, Delhi Public School Rohini

MARCH 2015 - MARCH 2016

HEAD IT

- Created the debating club's website, banners, and all other vector arts required for the annual event.

### CampK12 ([campk12.com](https://campk12.com))

MARCH 2014 - MARCH 2016

AMBASSADOR

- A web based service that helps students across India learn App Development, Designing, and more.
- I helped in spreading awareness about the organization and its varied programs and competitions.

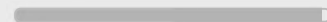
## SKILLS

### WEB DEVELOPMENT

HTML 5



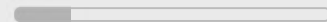
CSS 3



JavaScript



Python



### GRAPHIC DESIGNING

Adobe Photoshop



Adobe Illustrator

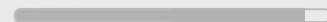


Adobe Flash



### APP DEVELOPMENT

C++



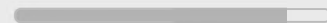
Java



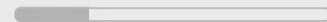
Android Studio



XML



Firebase



## RESEARCH, INTERNSHIPS AND PROJECTS

### 6 Preliminary Asteroid Discovery

AUGUST 2017 - SEPTEMBER 2017

DISCOVERY

- Selected for the All India Asteroid Search Campaign (AIASC).
- Underwent training to detect asteroids through advanced data analysis and proprietary softwares.
- Made 6 preliminary discoveries, which were reported to International Astronomical Search Collaboration.

### Space Settlement Model for ARSSDC

AUGUST 2016 - OCTOBER 2016

TEAM RESEARCH

- Created a space settlement model for Asian Regional Space Settlement Design Competition (ARSSDC).
- Qualified for the Indian Semi-finals round.

### Locality - Empowering Residents

MARCH 2017 - MAY 2017

FOUNDER & DEVELOPER

- Built Android App that empowers residents with the tools to make their neighbourhoods better places to live.
- By relying on the principle of crowdsourcing, Locality gathers the most relevant information about local issues and facilitates communication between the people of the locality and the governing bodies to deliver faster, more efficient results to improve the lives of residents.
- <https://play.google.com/store/apps/details?id=com.hritikaggarwal.locality>

### Research For The Future of A.I.

MARCH 2017

INDEPENDENT RESEARCH

- Conducted a short survey with companies developing Artificial Intelligence Technology in India to analyse the possible future that A.I. could have on jobs and productivity.
- With these results wrote an article that was published on the online journal Youth Ki Awaaz.
- Editors of the organisation acknowledged my work by boosting my post to the top of their news feeds.
- <https://www.youthkiawaaz.com/2017/01/artificial-intelligence-in-india-the-future-of-work>

### AEFI Tool Project, Hilleman Labs

MARCH 2016 - MAY 2016

DEVELOPER

- Developed an 'Adverse Event Following Immunization' Tool - web-based tool for the Govt. of Bangladesh.
- It was designed to create a smooth flow of information across the various levels of hospitals in case of any adverse event following immunization.
- Helped analyse the possible situations that may arise due to any adverse event and even conducted a short survey to understand the situation more clearly.

## VOLUNTEER SERVICES

### Slum School, SEDC

SUMMER BREAK 2014 - 2016, JULY 2018

STUDENT MENTOR

- Society for Equal Dignity of Children (SEDC) is an NGO, which runs a school for underprivileged children in Ludhiana, Punjab.
- As a mentor, I helped the children learn very basic computer knowledge, and conducted courses in mathematics and elementary sciences.

### Akanksha, Delhi Public School Rohini

MARCH 2016 - MARCH 2017

STUDENT MENTOR

- Student club at Delhi Public School Rohini, which offers personalised tutoring to help underprivileged children improve academic standards.
- Worked as a mentor with two children twice a week to help them improve their basic Mathematics, Science, and English.

## LANGUAGES

English

French

Hindi

Punjabi