



# ADIT AGARWAL

## Profile Summary

I am student of Grade 11 from the ISC board in India. My interests lie in web and software development, I have developed many projects in these fields. Besides computer science my interests lie in Physics and Business Studies.

## Contact Details

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## Career History

### UNDER SECRETARY GENERAL AND MARKETING INTERN

*Artibus MUN | April 2020 - present*

My team and I are the foundation or the secretariat of the organization, I developed the site for the same and maintain a database of allocations and payments. I am also a marketing intern and reach out to people, various organizations and institutes.

### VOLUNTEER - DEBATE AND MUN

*Spark A Change | April 2020 - Present*

- Spark a change is Mumbai's largest NGO, as a volunteer I teach underprivileged children and help them develop skills of debating and MUNning by exposing them to the functions and procedures of the United Nations.

## Schools Attended

### JAMNABAI NARSEE SCHOOL

*ISC SCIENCE & COMPUTERS, 2020 - 2022*

- Yet to start

### HIRANANDANI FOUNDATION SCHOOL, POWAI

*ICSE SCIENCE, 2012- 2019*

.General Proficiency award for 6 consecutive years for all round Academic Excellence.

. ICSE Board Results 97.5%

.Scholars Badge

.Represented school at various MUNs and won over 12 awards

. English Content writer for school magazine

.Helping organize MUNs as the Director General and chair.

. Team leader for the cyber club for two years as part of which we made multiple computer related projects and spread awareness about cyber security.

.Active member of the CMCA, an NGO as part of which we organized plays and protests on intersections and markets to impact the world in a positive manner.

.Vice - president of the HFS team for the Rotary Club of Bombay

. Actively took part and held inter and intra school workshops, elocutions debates to help students develop communication skills

## Skills & Competencies

- Experienced in HTML/CSS/JS, Python, Java
- Worked with libraries like Tensorflow, jQuery, Node.js
- Experienced in web scraping using python based modules
- Developed web applications using microframeworks like Flask
- . Developed projects with Raspberry Pi and Arduino
- Familiar with machine learning and neural networks.

# Projects

- Developed <https://aditagarwal.com> using languages like HTML, CSS ,JS, PHP and libraries like jQuery and Node Js. As a part of this I learnt git and hosted code on github. Experienced in using services like wordpress, wix, weebly etc. (Developed [artibusmun.com](https://artibusmun.com)) . I write tech and science related articles on <https://aditagarwal.com/articles> and [medium.com/@aditagarwal29](https://medium.com/@aditagarwal29)
- Developed a chatbot using machine learning and neural networks. The chatbot could be used for general talk or health related queries. Built in python.
- AI connect 4 using algorithms like minimax and neural networks using javascript and p5.js library for the user interface. ( <https://aditagarwal.com/connect4> )

Built a mini self AI self driving car using Raspberry Pi. The car uses various components like motor controller, motors, ultrasonic distance sensors, UV rays and line followers. Commands given using python.

-Developed a web scraping system to scrape contents from e-commerce sites to find best deals for a particular product. Used beautiful soup, flask to make web app,HTML, CSS. Will host as chrome extension soon.

# Awards and Accomplishments

**Model UN** - 1 Best Delegate, 4 High Commendations, 2 Special Mention, 2 Verbal Mentions, once on the EB , twice on the secretariat

Meritorious performance at Digital technologies olympiad held by University of New South Wales

Perfect score 80/80 at Zonal Informatics Olympiad 2020, (further levels couldn't be held/attended due to Covid-19 and ICSE boards)

Meritorious performance at Mathematics olympiad held by UNSW

National qualifier at xpress Math and Spelling Bee

2nd prize at website development at Interschool Championship with students from all over India-Gizmo Geeks