



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

ASSISTANT BUSINESS INSTRUCTOR

Elevate the future ,Maryland, USA | August 2020 - present

Tutoring a class of forty middle - high schoolers from all over the world in basics of Economics, everyday finance, business factors and planning.

VOLUNTEER - DEBATE AND MUN

Spark A Change | April 2020 - June

-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.

UNDER SECRETARY GENERAL & MARKETING INTERN

Artibus MUN | April 2020 - JUNE

Schools Attended

JAMNABAI NARSEE SCHOOL

ISC SCIENCE & COMPUTERS, 2020 - 2022

EUMIND 20'

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

.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

HAROUN EDUCATION VENTURES MBA PROGRAM

An entire basic MBA in one course

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) . I write tech and science related articles on <https://aditagarwal.com/articles> and 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