

SARTHAK AGGARWAL

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EDUCATION

University of Florida, Gainesville, Florida, USA <i>Senior Certificate Program, Computer Science</i>	3.83/4 January'20 - May'20
Jaypee Institute of Information Technology, Noida-62, UP, India <i>Bachelor of Technology, Information Technology</i>	7.4/10 August'16 - May'20
Nutan Vidya Mandir Sr. Sec. School, Delhi, India <i>AISSE, XII (CBSE)</i>	93%/100% April'15 - March'16
Nutan Vidya Mandir Sr. Sec. School, Delhi, India <i>AISSE, X (CBSE)</i>	10/10 April'13 - March'14

WORK EXPERIENCE

4Cplus <i>Web Developer, Internship</i> <ul style="list-style-type: none">Contributed in design and development of website for Prabhat Khabar.Live Link: https://www.prabhatkhabar.com/Language and Tools used: NodeJs, CSS, HTML, MySQL.	June'19 - July'19
Selflearn <i>Backend Developer, Freelancer</i> <ul style="list-style-type: none">Developed a platform to allow students to buy courses.Teachers can do live sessions and teach on the whiteboard and broadcast their voice to all other students.Students can ask their doubts on the chat-box provided on the same screen on the side.Live Link: https://studypatform.herokuapp.com/Language and Tools used: NodeJs, CSS, HTML, MongoDB, Socket.io.	January'19 - February'19
Eckovation <i>Mentor for MERN Stack Course, Internship</i> <ul style="list-style-type: none">MERN Stack Mentor in Full Stack Development Course.Managed around 150 students during the internship.Created assignments for students in the MERN Stack Course.Language and Tools used: NodeJs, CSS, HTML, MongoDB, ReactJs.	July'18 - December'18

PROJECTS

Voice-Controlled Web Browser <i>Natural User Interaction Project (UF Gainesville)</i> <ul style="list-style-type: none">Uses voice based input to perform web browser actionsUsing concepts learned under the subject, increased the naturalness of the projectCan be used to almost do everything done the traditional wayLanguage and Tools used: Python, Selenium, DialogFlow	January'20 - May'20
Twitter Tweets Spatial Analysis <i>Minor Project under Prof. Mahendra Gurve (JIIT, Noida)</i> <ul style="list-style-type: none">Model to predict trend of Political Parties in major cities.Using sentiment analysis on tweets to help parties organize better campaignsUsing QGIS to help visualize the data geographicallyLanguage and Tools used: Python, Spyder, QGIS	January'19 - May'19
Crop Yield Prediction Model <i>Minor Project under Dr. Sangeeta Mittal (JIIT, Noida)</i> <ul style="list-style-type: none">Model to predict crop yield in different states under different circumstancesHelping farmers with analyzing the future prices of cropsLanguage and Tools used: Python, Spyder	August'18 - December'18
NotesDiyo <i>Personal Project</i> <ul style="list-style-type: none">Students can find notes and tuition centre nearby.Discussion forum for student's doubts to get clear.Model View Controller (MVC) architecture used.Live link: www.notesdiyo.inLanguage and Tools used: NodeJs, CSS, HTML, MongoDB.	May'18 - Present

Course Project under Prof. Sangeeta (JIIT, Noida)

- Designed a bot to give specific queries and give results according to them.
- Designed a user-friendly interface where people can interact without any training.
- Working on it to accept natural language questions using NLP approaches.
- Language and Tools used: HTML, CSS, JavaScript, PHP, MySQL.

ADDITIONAL ACTIVITIES

GitHub: <https://github.com/neo700>

Code Chef: Rating: 1638, Problem Solved: 102, https://www.codechef.com/users/neo_700

Hacker Rank: Rating: 1092, Problem Solved: 30, https://www.hackerrank.com/neo_700

Hacker Earth: Rating: 1134, Problem Solved: 32, <https://www.hackerearth.com/@sarthaakagarwal>

RELEVANT COURSES

Data Structures (C, C++)
Problem Solving

Database Management System
Web Development

SKILLS

Languages: C, C++, SQL, MongoDB, PHP, Javascript, NodeJs, Python

Other Tools/Framework: HTML, Git, CSS, ExpressJs

Platforms: Windows, Linux