Sarthak Aggarwal

Bachelor of Technology,
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EDUCATION

Year	Degree/Certificate	Institute	CGPA/Percentage
2020	B.Tech, IT(Pursuing)	Jaypee Institute of Information Technology, Noida	6.9/10(upto 5th sem)
2016	AISSE, XII (CBSE)	Nutan Vidya Mandir Sr. Sec. School, Delhi	93%
2014	AISSE, X (CBSE)	Nutan Vidya Mandir Sr. Sec. School, Delhi	10/10

INTERNSHIP

Eckovation   July'18 - Dec'18
Mentor for MERN Stack
- MERN Stack Mentor in Full Stack Development Course.
- Created assignments for students for the MERN Stack Course.

Selflearn   January'19 - February'19
Backend Developer
- Developed a platform to allow students to buy courses.
- Teachers can post courses and can do live sessions, all on the website.
- Teachers can 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://shielded-headland-23146.herokuapp.com/`

PROJECTS

Crop Yield Prediction Model   Aug'18 - Dec'18
Minor Project under Dr. Sangeeta Mittal
- Model to predict crop yield in different states under different circumstances
- Helping farmers with analyzing the future prices of crops
- Language and Tools used: Python, Spyder

Website to help school students   May'18 - Aug'18
Personal Project
- A website for students to locate best coaching centers nearby.
- Students can also get notes related to their subject
- Discussion forum for student's doubts to get clear.
- Live link: `www.notesdiyo.in`
- Language and Tools used: NodeJs,CSS,HTML,MongoDB.

Mini Internshala Website   June'18 - June'18
Personal Project
- Aim to develop a working website having basic features of Internshala .
- Employer can see applications applied and user can only apply once
- Live link: `https://internshala.herokuapp.com/`
- Language and Tools used: PHP, MySQL, CSS, Javascript, Bootstrap, HTML.

Fully Synchronized Banking System in Linux   Jan'18 - May'18
Course Project under Prof. Pawan Kumar Upadhyay (JIIT, Noida)
- Aim to develop a bamking system capable of running multiple transactions at the same time .
- Transactions run with proper synchronization and delay.

- Communication with the help of terminal.
- Language and Tools used: C,LINUX.

Image Steganography   *Jan'18 - May'18*
Course Project under Prof. Manish Kumar Thakur (JIIT, Noida)
- Encrypting and Decrypting secret message in images .
- Using the algorithm of LSB or MSB .
- Language and Tools used: C++, MATLAB .

University Chat Bot   *Aug'17 - Dec'17*
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.

ATM   *Aug'17 - Dec'17*
Course Project under Prof. Rohit Pal Singh (JIIT, Noida)
- Designed a ATM interface with secured transactions with the help of OOPs.
- Used different Data Structure for fast transactions.
- Secure transaction were assured with private accessibility.
- Language and Tools used: C++.

ADDITIONAL ACTIVITIES

Code Chef: Rating: 1562, Problem Solved: 79, `https://www.codechef.com/users/neo_700`
Hacker Rank: Rating: 1092, Problem Soveld: 30, `https://www.hackerrank.com/neo_700`
Hacker Earth: Rating: 1264, Problem Solved: 25, `https://www.hackerearth.com/@sarthaakagarwal`
GitHub: `https://github.com/neo700`

RELEVANT COURSES

Data Structures (C, C++)   Database Management System
Problem Solving   Web Development
Theoretical Fundamental of Computer Science Operating Systems
Computer Organization and Architecture

COMPUTER SKILLS

Languages: C, C++, SQL, MongoDB, PHP, Javascript, NodeJs, Python
Other Tools/Languages: HTML, CSS, MatLab , GIT, scikit-learn
Platforms: Windows, Linux