

Sheel Aggarwal



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Delhi, India

Education

BCA+MCA(Dual)

Amity University, Noida 2018 - Present

Current SGPA: 9.45

Current CGPA: 8.90

10th and 12th Standard (CBSE)

2015 - 2018

Lilawati Vidya Mandir Sr Sec School

Skills

Programming Languages:

- C/C++ (Proficient)
- Java(Core) (Intermediate)
- Python (Beginner)

Web Technologies:

- HTML
- CSS
- JavaScript

Web Server:

- Tomcat 9.0
- XAMPP

Others:

- OOPS
- Data Structures
- Algorithm Analysis
- DBMS
- Basic Knowledge of App Development

Participations

- **SnackDown 2021**
Organized by CodeChef
- **TechGig CodeGladiators 2021**
Secured 10k rank among
2L+ Participants
- **TrueGeek Tournament 2021**
Organized by GeekForGeeks
- **Workshop on Internet Of Things**
Organized by Amity University,
Noida

Achievements

- Filed a Patent on "An IoT Based Agriculture System With Voice Assistance".
- Published an article titled "Different memories used in a Cisco Router" on GeeksForGeeks.
- Research Paper on "Opportunities and Applications of 5G Network Technology".
- Completed Cisco Networking Academy® -Cybersecurity Essential course.

Experience

- **Computer Science Mentor at Chegg.**

Chegg is an American Educational Technology Company. It provides online tutoring as well as digital study resources.

Projects

Sorting Visualizer -JavaScript

- This project is a demonstration of how various sorting algorithms work.
- It has a very simple UI and it allows the users to select the sorting algorithm to sort the array, select the array size, and change the speed of the visualization. The main motive behind this project was to become familiar with JavaScript concepts and CSS styling.

Human Following Car -IoT

- In this project, a robotic car automatically senses the human hand with an IR and Ultrasonic sensor and follows the human to a particular range.

Additional Learnings

- Cyber and Information Security.
- Internet Of Things.
- Introduction to Artificial Intelligence