

Aryan Agarwal

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Education

- B.Tech (Computer Science and Engineering)
 - 2017-2021, G D Goenka University, Gurugram
 - Current CGPA: 8.4/10.0
- CBSE (Science)
 - 2017, GRM Senior Secondary School Bareilly
 - Aggregate: 86%

Relevant Coursework

- Python Programming
- Web Programming through PHP and HTML
- Database Management Systems
- Learn Object Oriented PHP By Building a Complete Website (Udemy)
- NoSQL Databases
- R Programming
- Object Oriented Programming through Java
- Software Engineering and Testing Methodologies
- Data Structures and Algorithms

Technical Skills

- **Languages:** Python, PHP, Java, C, R
- **Libraries and Frameworks:** Flask, Bootstrap, Git, CSS-3
- **Areas:** Web Development, Cloud Computing, API Centric Development
- **Platforms:** Windows, Linux, Heroku, AWS, Raspberry Pi, REST APIs
- **Databases and Storage:** MySQL, Oracle SQL, MondoDB

Projects

- **TraBot (Telegram Bot)** [April 2018 - present]
Participated at the day long **HackDPG 2019** Hackathon at DPG Institute of Technology and Management, Gurgaon and won the **first prize** for developing a Telegram bot using Flask and Python that can suggest users about places of special attractions in and around the city. Currently, working on the same tech stack to improve its functionalities and develop user-level enhancements.
- **Smart Container** [September 2018 - May 2019]
Developed an **IoT** based project on the **Raspberry Pi** platform in which a load cell sensor was connected to read values of weights put on a container. The system was designed in a way that it can notify users over email whenever the container weight is below a preset threshold value.
- **E-Cell Web Application** [October 2018 - March 2019]
Worked at the entrepreneurship cell of the university under the GD Goenka Technology and Business Incubator (**GDGTBI**) to prepare an official E-Cell website. Developed user facing pages using Bootstrap and was responsible for creating various forms using PHP, related to registration of various events.

Activities

- Participated as a student volunteer and a student workshop coordinator at the 5th International Conference on Recent Developments in Science, Engineering and Technology (REDSET 2019) at GD Goenka University.
- As the Technical Committee member of the E-Cell, GDGTBI was involved in web development and entrepreneurship related tasks on a prorata basis.
- Actively participated at the GD Goenka University Research Confluence 2019.
- Presented a project on PHP and MySQL based web application that can help automate semester registrations at student level at SPEED 2018. (5th National Student Project Exhibition on Engineering Design)