# SOUMYA SHARMA

**Computer Science Undergraduate**

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## EXPERIENCE

### Engage 2020 Program
**Microsoft**

📅 Jun 2020 – July 2020    📍 remote

- A virtual mentorship program by Microsoft wherein selected students were paired with a mentor to help them with project, assignments and career guidance.
- Developed a web app named 'Mangalyaan' that helps a mars rover to find the shortest path between two points while avoiding obstacles on the way.
- Algorithms visualized A*, Greedy Best-First Search, Dijkstra and Breadth-First Search.
- Tech stack used HTML, CSS, Javascript. Hosted on Netlify. Project link

### Open-Source Contributor
**The Wikimedia Foundation**

📅 Dec 2019 – March 2020    📍 remote

- Voluntary contributed to various open-source projects under The Wikimedia Foundation with 11 merged PRs.
- Contributions include resolving some major UI issues and integrating Django-comments in a project.
- Tech stack used Django, Javascript and Bootstrap. Link to PRs

## EDUCATION

### Bachelor of Technology (CSE)     76.86%
**Indira Gandhi Delhi Technical University for Women**

📅 August 2018 – May 2022 (Expected)

### AISSCE (PCM + Computer Science)     87.6%
**Greenway Modern School**

📅 April 2015 – March 2017

## COMMUNITY INVOLVEMENT

### Core Team member
**ACM Chapter of IGDTUW**

📅 Feb 2020 – present

- Organized ADVAYA 2020, the online technical week of ACM-IGDTUW opened for all university students.
- Mentored 50+ university students through one of the events of ADVAYA 2020, The Open Source Challenge
- Responsibilities include organizing sessions, technical workshops, recruitment drives and designing posters.

## HONORS & AWARDS

- Secured 2nd positions in 2-member teams category among 600+ participants in The Mars Colonization Program conducted by Microsoft in association with Ace Hacker.

## PROJECTS

### Django Discussion Blog

- Developed a Blog app using Django with CRUD functionality.
- Users can also change their profile picture, update username and email id and can request password reset option.
- Uses Amazon S3 buckets for storing static files.
- Hosted on Heroku. Code link

### Beach Resort Web App

- Developed a Beach resort website using React.js that list various rooms and their features using static data file.
- Features include filter rooms based on parameters like, room type, no. of guests, room price, room size, breakfast included and pets allowed.
- Hosted on Netlify. Code link

### To-Do App

- To-Do App with CRUD functionality.
- Tech stack used DRF and React.js
- Code link

## SKILLS

- Programming: C++, Javascript, Python.
- Frontend: HTML, CSS, Bootstrap, React (beginner)
- Backend: Django
- Database: MySQL
- Version Control: Git
- Operating System: Linux