AREESHAA PARVEEN

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Linkedin | Github

EDUCATION

B. Tech Computer Engineering	2019-2023	Delhi Technological University	9.27 CGPA
CBSE (Class XII)	2018	Tagore International School, New Delhi	87%
CBSE (Class X)	2016	Tagore International School, New Delhi	10 CGPA

ACADEMIC PROJECTS

- **Counting the Number of Galaxies**

  Tech Stack: C++, Python

  This project uses Depth-First-Search connected component and computer vision. A cosmological image is thresholded, then extracted a 2D binary matrix from the thresholded image. The algorithm then works on this 2D matrix to count the number of galaxies.

- **Shortest Path for Martian Rover**

  Tech Stack: CSS, HTML, Bootstrap, JavaScript

  This project aims to use various path-finding algorithms for assisting the Martian Rover in concluding the shortest path to the destination while traversing a specific area. The user can add weights to the grid. The distance travelled, the time taken to reach the destination, and the number of nodes searched is also displayed.

INTERNSHIP

- **Microsoft (Hyderabad)**   May, 2022 – July, 2022

  Under the team Task Fabric worked on batching concepts on APIs.

  Build an API for supporting for a batch call on the Update task. Added Update tasks in batch, using $batch construct and further leveraged this feature for the user leaving the list.

ACADEMIC ACHIEVEMENTS

- Mentee in **Microsoft Engage Mentorship Program** 2021
- Secured 1st position in **all girl's team** category in **HACK-NU-THON 2.0**, 2021
- Secured 2nd position in **HACK-NU-THON 2.0**, 2021
- Secured 3rd position in **Codeprix** (an online team coding event), 2021
- Secured rank **1219** in Google **Codejam I/O Women** 2021 out of **4700+** participants
- Certificate of **merit** in online quiz on **data structure and algorithm**
- **Semi finalist** in **Myntra** Hackerramp 2022
- **Cleared first round** of **Codeagon, 2022**
- **Cleared** coding round of **Walmart, 2022**
- Reached **second round** of **Uber** Hacktag 2.0, 2022
- Reached **last round** of **Optum** Stratethon, 2022
- Participated in **Google Codejam,** 2021
- Participated in **Google Kickstart** round A and C, 2021
- Contributed in **Hacktoberfest** 2020 and 2021
- **Codechef:**   Max Rating 1560
- **Codeforces**:   225 problems solved
- **Hackerrank:**   6 star in problem solving skills
- **Leetcode**:   436 problems solved

CERTIFICATE AND ACADEMIC COURSEWORK

Responsive website basics: code with HTML, CSS and JavaScript   Data Structure and Algorithms

SKILLS

Languages: C++, Java, Python   **Framework:** Bootstrap
Web Technologies: HTML, CSS, JavaScript(Basic) **Familiar:** OpenCV, git, github

CERTIFICATE AND ACADEMIC COURSEWORK

- Guided juniors in tech through Climb Mentorship Program

- Helped in organizing and hosting Smart India Hackathon at DTU