Ayushi Jain

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EDUCATION

IIIT Delhi
BTech in Computer Science Engineering
2019-2023|New Delhi, India
Current CGPA: 7.7

Class 12th
Grad. May 2019| New, India
Class 12th CBSE Board: 95.4/100

Class 10th
Grad. May 2017| New, India
Class 10th CBSE Board: 10.0/10.0
NTSE Scholar'17

TECHNICAL ELECTIVES

Introduction to Programming (GP: 8)
Computer Organisation (GP: 9)
Data Structures and Algorithms (GP: 8)
Linear Algebra (GP: 8)
Basic Electronics
Digital Circuits
Prototyping Interactive Systems
Probability And Statistics
Advanced Programming*
Operating Systems*
Discrete Mathematics*
Maths-3 /Multivariable Calculus*
(Currently Pursuing)

PROGRAMMING SKILLS

PROGRAMMING LANGUAGES
Java | Python | C | JavaScript
TOOLS AND TECHNOLOGIES
Extensive
HTML | CSS | Django | Flask | Google Cloud | NodeJS | MongoDB | REST APIs
Comfortable
Firebase | React JS | Operating Systems | Arduino | SQL
Familiar:
MeteorJS | MIT App Inventor | Puppeteer

INTERESTS/HOBBIES

Teaching
Reading Books and Learning about people
I have done a course on Negotiation and Mediation
I am well versed in French

PROJECTS

Book Donation, Renting and Selling Website: github.com/Book-Donation-Website
Uses the realtime database functionality of Firebase to store queries for books , list of books and their status.
Uses different levels of user authentication(super admin, admin and users).
Dynamic routing has been implemented with Flask.
Color Switch Game: github.com/ColorSwitch
Uses OOPs concepts and JavaFX GUI to remake the original colorSwitch game.
Uses the concepts of serialisation and deserialisation for saving and reloading played games.
InteractiveCarGame: github.com/InteractiveCarGame
Single/multiplayer car game written in Arduino.
User uses ultrasonic sensors and touch sensors interact with the game environment.
Linux Shell Implementation in C: github.com/LinuxShellinC
Implementation of Linux shell commands in C using various system calls in Linux.

Blogging Website: github.com/Blogging-Website
Built a blog website with MERN stack.
It uses the lodash library of Node js for dynamic linking.

Collaborative Text Editor in Node JS : github.com/CollaborativeText
Built using Node JS.
It is tested on different tabs in same browser and was done using the socket.io library of NodeJS.

AWARDS AND ACHIEVEMENTS

JEE MAINS: AIR 3366

NTSE Scholar, 2017

LeetCode:
Solved 368 questions on LeetCode (leetcode.com/blue_bubble)

Codeforces:
Solved 119 questions on CodeForces (codeforces.com/profile/ayushij2704)

30 Days of Google Cloud:
Completed 30 Days of Google Cloud Program for machine learning on QwikLabs. Learnt the Fundamentals of Google Cloud, working with BigQuery, integrating projects with Machine Learning Apis, and performing fundamental tasks in machine learning in cloud

POSITIONS OF RESPONSIBILITY

Facilitator for 30 Days of Google Cloud:
Helped students register and complete Machine Learning and Cloud Engineering tracks for the program(required 40 hours of skill based labs).
55 students successfully completed the program.

Worked for a non-profit organisation
Took a workshop of HTML and CSS for school students.
20 students developed their own portfolio by end of the workshop.

Conducted Blood Donation event in ESYA
Nearly 200 people donated blood at the camp

Core Member of the Developer Student Clubs Google, IIIT Delhi

Core Member of the UAV team, IIIT Delhi