ABHIGYA VERMA

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EDUCATION

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN

B.Tech. in Information Technology

📅 August 2019 - Present [Expected: August 2023]

Uptil 3rd Semester GPA: 8.36

OXFORD SR. SEC. SCHOOL

📅 April 2007 – March 2019

Class XII Percentage: 92.4
Class X CGPA: 10

EXPERIENCE

Summer Intern, ML and Data Science

ACM IGDTUW

📅 June 2020 - July 2020

- Built a talking chatbot using **Data Collection**, **Text pre-processing and vectorization** and **metric analysis**.
- Chatbot gave information related to COVID-19 pandemic and help to overcome anxiety and stress.

LEADERSHIP

Microsoft Learn Student Ambassador- Beta

Microsoft || April 2021 - Present

- Conducting workshop series for **50+** teaching technical stack **Machine learning** using **Python**
- Guiding peers in projects.

Campus Ambassador

Cisco || March 2021 - Present

- Acted as a brand ambassador for Cisco to create brand awareness for students.

Executive Lead- Public Relation

ACM, IGDTUW || Jan 2021 - Present

- Collaborating with **ACM student chapters** and conducting sessions and programming contests with them.
- Conducted tech week **Advyaya** with a number of exciting speakers, events and competitions.

Project Coordinator, ML Circle

Google Developer's Student Club, IGDTUW

📅 Sep 2020 - Present

- Speaker in Session- **Introduction to ML** for **100+** members.
- Leading a team of **8** members building a **Deep Learning** project.

Core Member, Peer Education and Life Skills Society

INSTINCT, IGDTUW || Jan 2020 - Present

- Organized sessions on topics like Mental Health, Road map for sophomores, Scholarships, etc. to help peers in all-round development.
- Conducted activities like stress buster, group discussions, debates etc. to help in de-stressing.

ACHIEVEMENTS

- Rated **1626** highest at CodeChef(3 stars)
- Global Rank of **439** in the January Long Challenge 2021 Division 3 at CodeChef and Ranked **3rd** in the University.
- **3 Star Badge** for C++ on HackerRank
- **Runner Up** in **Global Hackathon- Rotathon** in the theme **Women Security**.
- **2nd Runner Up** - STEMathon conducted by ACM IGDTUW under Advaya 2.0
- Selected as one of the **top 20** teams out of **500+** teams in National Level Hackathon- Code off Duty and selected by mentors to continue the project for research.
- **First Prize** in the Ninja Wave 2.0 at Indira Gandhi Delhi Technical University for Women.

SKILLS

C++   Data Analytics   Python   Machine Learning   CS Fundamentals

PROJECTS

Snake Game (Play here) (Github Link)

- Built a game in **javascript** and the data structure, **array** to track the movement of snake.

kNN Face Recognition (Github Link)

- Built an **ML** model using **cv2 python library** to recognize faces in a live webcam sessions.
- Used **kNN algorithm** to match the face with faces in data and identify the person with an accuracy of **80** percent.

Aveksha (Website) (GitHub Link)

- Scraped out women related location specific tweets using **python module tweepy** and analyzed the **sentiments** of the scraped tweets.
- Identified top hate speech users of the selected location by segregating tweets as negative, positive, and neutral using **Text blob library of python**.

I-Care MedicalBot (GitHub Link)

- Built an audio chatbot using **python** with **average cosine similarity** between the user questions and Bot response as **47.5** percent.

COURSEWORK

- **Data Structures**
- **Database Management Systems (DBMS)**
- **Software Engineering**
- **Computer Organization and Architecture**
- **Operating System**
- **Design and Analysis of Algorithm**
- **Object Oriented Programming**
- **Operations Management**