

# Abhigya Verma

2nd Year Undergraduate, B.Tech (IT)

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## Academic Qualifications

Year	Degree/Certificate	Institute	CGPA/%
2019 - 2023	B.Tech	Indira Gandhi Delhi Technical University for Women	8.36/10

## Internship Experience

- **Summer Intern, ML and Data Science, ACM IGDTUW** (June 2020 - July 2020)
  - Built a talking chat bot in Python using Data Collection, Text pre-processing, Vectorization and metric analysis.
  - Chat bot gave information related to COVID-19 pandemic, & helped people to overcome anxiety, depression and stress.
- **Teaching Assistant, Summer Workshop, ACM IGDTUW** (June 2021 - July 2021)
  - Worked as a teaching assistant in summer workshop on Computational Approaches for Social Good.
  - Helped in building assignments, worked as a mentor in projects and graded assignments based on the given parameters.

## Key Projects

- **Snake Game-** <http://bit.ly/3jmlcPe>
  - Built a game in **javascript** and used the data structure, **array** to track the movement of snake.
- **Aveksha-** <http://bit.ly/3tUzI5w>
  - Scraped out women related location specific tweets using **python module tweepy** and analyzed their **sentiments**.
  - 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-** <https://aveksha.herokuapp.com/stats>
  - Built a talking audio chat bot using **Python** that talks about COVID 19.
  - Average cosine similarity between the user questions and Bot response as **47.5 percent**.

## Technical Skills

- **Programming Languages and stacks:** C++, Data Analytics, Python, Machine Learning, CS Fundamentals
- **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

## Achievements

- Selected for **Microsoft Engage '21**
- 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 in the **top 20** out of **500+** teams in National Level Hackathon and selected for research work by mentors.
- **First Prize** in the Ninja Wave 2.0 at Indira Gandhi Delhi Technical University for Women.
- Participated in NCERT Science Exhibitions number of times and represented school at Regional Level in 2018, 2015 & 2013.

## Leadership Positions

- **Microsoft Learn Student Ambassador- Beta** (April 2021 - Present)
  - Conducting workshop series for **50+ mentees** teaching technical stack **Machine learning** using **Python**.
- **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 **Advaya** 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