Preksha Mathur

Nationality: Indian   **Date of birth:** 12 Mar 2002   **Gender:** Female

📞 **Phone number:** (+91) 9599225419

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WORK EXPERIENCE

Vice Chairperson
IEEE Women In Engineering [20 Jan 2020 – Current]

City: Vellore
Country: India

○ Devised new operational processes: Leading to 80 percent increase in audience engagement.
○ Coaching and Mentoring: Conducting sessions for 200+ girls on Web Development, Portfolio building, Python
○ Organized Offline Hack: Spearheaded a successful hack WEHack with 100+ participants

Machine Learning Intern
Verzeo [10 Jan 2021 – 10 Mar 2021]

City: Gurugram
Country: India

○ Training: Researched and analyzed concepts in Machine Learning using Python
○ Developed ML Project: Collaborated to build a project using Machine Learning and Python and achieved 90% accuracy to detect diseases in plants using Google Collab tools

EDUCATION AND TRAINING

Bachelor of Technology
Vellore Institute Of Technology, Vellore [20 Sep 2020 – 30 Sep 2024]

Address: VIT, Vellore Campus, Katpadi, 632014 Vellore (India)
Website: https://vit.ac.in/

LANGUAGE SKILLS

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

DIGITAL SKILLS

Languages
Java / C / Python / SQL / HTML / JavaScript

Tools
Git / MySQL

Libraries and Frameworks
Scikit / NLTK / react / Numpy

Platforms

AWS / Linux / Github / Google Colab

PROJECTS

Indian Sign Language Detector

[20 May 2022 – 20 Nov 2022]

Assessed and developed AI models to detect sign languages efficiently and improved the model to work around 60% faster.

Tech: Python, CNN and LSTM neural network.

Music Player

[7 Mar 2021 – 7 Sep 2021]

Developed a working web based prototype of a Music Recommender System recommends song according to mood.

Tech: HTML, CSS, Linked List data structure

Survey Paper - Sentiment Analysis in Social Media

[20 May 2022 – 20 Sep 2022]

Work in Progress to be published.

Established a survey to enumerate the sentiment detection using social media.

Tech: Natural Language Processing

HONOURS AND AWARDS

Women Engineers Program Scholarship

Google Talentsprint [1 May 2022]

Received scholarship towards program among 2700+ applicants, for the prestigious WE program for girls in all India. Among the top performers and scorers

Education Outreach Scholarship

GirlScript Foundation [15 Sep 2021]

Scholarship towards the program in which technical sessions on various technologies were conducted.

VOLUNTEERING

Global Ambassador WomenTech Network

[1 Jan 2021 – Current]

Encouraging women to join technical field by organizing informative mentorship webinars.

Active Volunteer at Ayuda NGO

[Vellore, 7 Jan 2020 – Current]

Actively participated in donation drives and awareness campaigns.

Event Organizer at Google Developers Group

[Delhi, 1 Jan 2020 – Current]

Organized events, conducted workshops and delivered workshops reaching over 7000 developers.