

# SWATI KHANDURI

Dehradun, Uttarakhand 248005

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## EDUCATION

Graphic Era Hill University

Bachelor of Technology in Computer Science **CGPA :- 8.80**

Oct 2021 - June 2025

Dehradun, Uttarakhand

## PROJECTS

Anti Spoofing Detection System / Python, OpenCV, YOLO

Jan 2024

- Developed real-time anti-spoofing detection system in Python leveraging computer vision techniques for accurate identification of human presence in front of cameras.
- Achieved an overall accuracy of 90 percent on testing data.

Twitter Sentiment Analysis / Python, PyCharm, Machine Learning

Oct 2023

- Implemented various NLP techniques such as tokenization, stemming, and feature extraction to preprocess textual data and extract relevant features for sentiment analysis.
- Accomplished an impressive 89 percent accuracy rate on testing data, demonstrating the effectiveness of the developed model.

Sign Language Detection System / Neural Network, CNN

May 2023

- Designed and implemented a sign language detection system utilizing Convolutional Neural Networks (CNNs), a powerful deep learning architecture widely used for image recognition tasks.
- Demonstrated exceptional performance with a high accuracy rate of 92% in detecting and recognizing sign language gestures.

## CERTIFICATES

Mastering Data Structures and Algorithms - Andrei N:

- Proficient in fundamental data structures (arrays, linked lists, trees, graphs).
- Skilled in algorithmic techniques like searching, sorting, and dynamic programming.

Complete 2023 Web Development Bootcamp - Dr. Angela Yu:

- Competent in modern web development technologies (HTML, CSS, JavaScript, Node.js, React).
- Benefitted from project-based learning and a supportive online community.

Machine Learning - Stanford University:

- Solid understanding of foundational machine learning concepts and algorithms.
- Experienced in applying machine learning techniques to real-world datasets and problems.

## RELEVANT COURSEWORK

- |                       |                           |                          |
|-----------------------|---------------------------|--------------------------|
| - Data Structures     | - Database Management     | - Complexity Analysis    |
| - Algorithms Analysis | - Artificial Intelligence | - Object Oriented Design |

## TECHNICAL SKILLS

Languages: CPP, Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, PyCharm

Technologies/Frameworks: GitHub, Git, Relational Databases

Cloud/Databases: MongoDB, MySQL

## ACHIEVEMENTS

- AIR 60 in Codekaze 2023 (Coding Ninjas Coding Competition)
- Solved 500+ questions on Leetcode (Rating : 1530)
- Participated in 20+ coding contests.