

SAMIKSHA UPADHYAY

phone-7349519200

yjsamiksha@gmail.com · [LinkedIn](#) · [GitHub](#)

Detail-oriented and enthusiastic Computer science student with strong understanding of Object-oriented programming, Unix based OS, HTML/CSS, computer vision, testing and debugging skills and aspire to excel in the same. Have a deadline-focused approach to work and am a team player.

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (2019 - 2023)

B. TECH - COMPUTER SCIENCE AND ENGINEERING

CURRENT CGPA: 9.52

ALPINE PUBLIC SCHOOL (TILL APRIL 2019)

12TH CBSE BOARD

PASSED WITH 82.6% AND PCM: 84.67%

RYAN INTERNATIONAL SCHOOL (TILL MAY 2017)

10TH ICSE BOARD

PASSED WITH 92% MARKS WITH MATHS: 92%, SCIENCE 90%, COMPUTER 97%

SKILLS

- Java, C, C++, Python, SQL
- Leadership and Oratory skill
- Web Development (HTML, CSS, Javascript)
- Computer Vision
- Object Orientated Programming Concept
- Cloud Computing Basics
- OS: UNIX, Linux, Windows

PROJECTS

MUSIC STREAMING WEBSITE (SANGEET)

- A web page that plays a song from pre uploaded list of songs. It is front end GUI developed using **HTML, CSS and Javascript**. This project includes features: login page, shuffling, skipping and changing the volume of the song etc.

SPEECH COMMAND RECOGNITION

- The AI powered speech command recognition through Tensorflow.JS is able to detect speech commands through the browser using microphone and react app. The speech commands have been pre-trained using a deep neural network (AI) to be able to recognize a number of different commands

FASHIONKNOWA GROUP PROJECT

- Project to determine whether the fabric used in a piece of clothing is sustainable or not.
- User uploads a picture of the label on their clothing and the picture content is converted to text by using the **python OCR library, PyTesseract**. The obtained text is analyzed to check if there is any fabric that is non-sustainable along with the respective percentages.

- Other techs used are Flask for backend and computer vision(cv2)

DRONE CLASSIFIER GROUP PROJECT

- This drone classifier classifies drones between the two major types of drones – Fixed-wing drones and Rotary wing drones. A set of images is provided to be used for the classification.
- Uses **Convolution Neural Network** for its classification, **python** and basic **ML concepts**.

COURSE CERTIFICATIONS

LINUX FOR DEVELOPERS

Coursera

By: The Linux Foundation

CYBERSECURITY AND INTERNET OF THINGS

Coursera

By: University System of Georgia

OPENCV WITH PYTHON FOR IMAGE AND VIDEO ANALYSIS

Youtube

By: sentdex

HTML CSS AND JAVASCRIPT FOR WEB DEVELOPERS

Coursera

By: John Hopkins University

MACHINE LEARNING

Coursera

By: Stanford University

EXPERIENCE

STUDENT COPTER RESEARCH ORG. (SRM SCRO)

Member of the computer visions team

SRM ACM-W

ML Lead

THE LISTENING SPACE

Editor In Chief

AARUSH NATIONAL TECHNO-MANAGEMENT FEST

Volunteer and committee member of CSI (Corporate Strategy and Implementation)

LITERARY CLUB

Member of the literary club and took part in open mics

ACTIVITIES

Would like to highlight some of the passions and activities carried out:

- Anchored various school and college events
- Completed Hacktoberfest 2020, 2021
- Participated in ShellHacks 2021
- Poet and content writer
- School Journalist and Reporter
- Anchored and reported for Ryan TV