RAHUL

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Gharuan, Mohali, Punjab
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PROFESSIONAL SUMMARY

A well-organized, creative and goal-oriented graduate possessing excellent communication, problem-solving and leadership skills with a flair to explore suitable avenues in Computer Science Engineering while developing advanced projects with efficiency and quality.

TECHNICAL COMPETENCIES

C++ | JAVA | PYTHON | PowerBI

INTERPERSONAL SKILLS

Team Leadership | Management & Coordination | Decision Making | Project Management | Communication Skills

INTERESTS & HOBBIES

Travelling | Reading self-help books | Listening to Music

LANGUAGES KNOWN

English | Hindi | Punjabi | Gujrati

EDUCATION

Bachelors in Computer Science Engineering | Chandigarh University, Gharuan
Session: 2021-2025 | Score: 8.5 CGPA

Intermediate (CBSE) || Silver Bells Senior Secondary School, Haryana
Session: 2019-2020

Matriculation (CBSE) | Silver Bells Senior Secondary School, Haryana
Session: 2017-2018

TRAINING & PROJECTS

SmartKnower | Intern
March 2022-July 2022

- Developed a model for precise object detection and localization in images.
- Engineered a model for accurate handwritten digit recognition.
- Designed a model for interpreting and responding to hand gestures.

Acne Skin Disease Detection Using Convolutional Neural Network Model
May 2023-June 2023 *(DOI: 10.1109/ICTACS59847.2023.10389831)*

- Introduced a method using a pre-trained VGG19 model for identifying and classifying skin acne with high accuracy.
- Achieved accuracy comparable to or surpassing human performance on clinical images.
- Applications in dermatology clinics and skincare product development

Speech Emotion Recognition
October 2023 - November 2023

- Designed a machine learning program to detect emotions from speech.
- Developed models using pitch, tone, and speech patterns for emotion classification.
- Experienced in preprocessing audio data and training models for emotion recognition.

Live Drowsy Driver Detection
November 2023-December 2023

- Developed a real-time facial expression recognition system for detecting drowsiness.
- Utilized advanced computer vision algorithms to accurately analyze facial features and determine alertness levels.

ACADEMIC ACHIEVEMENTS

- Published research paper in 3rd internation conference on technological advancement and computational sciences.
  DOI: 1109/ICTACS59847.2023.10389831

CERTIFICATIONS & AWARDS

- Certification of class Representative (since 2 years)
- Data Science
- Analytics for Decision-Making
- Programming in C++