

# Daman Rakwal

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## ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2021 - Present	B.TECH in Computer Science	Graphic Era University Dehradun	8.85/10.0
2021	JKBOSE,12th	Govt. Sri Ranbir higher sec. school	97.4 %
2019	JKBOSE,10th	St. peter's high school	88.8 %

## INTERNSHIP

- **Summer Internship** — Graphic Era Deemed to be University  
Mentor: Akanksha Gupta  
**Improving Seizure Detection Accuracy Using AI and EEG** (July 2024 - August 2024)
  - Implemented machine learning models for seizure detection using EEG data.
  - Utilized 1D-CNNs, Bidirectional LSTMs, and advanced pooling layers for signal processing.

## PROJECTS

- **Cyber threat analysis in android system** (May 2024 - June 2024) GitHub
  - Developed an Android application utilizing machine learning algorithms such as Decision Tree, Random Forest, and XGBoost to analyze and classify potential cyber threats.
  - Leveraged these models to process and evaluate datasets for accurate threat detection and analysis.
- **PlaceNet Campus Connect** (Feb 2025 - Apr 2025)
  - Developed a full-stack web application for managing campus placements using the MERN stack (MongoDB, Express.js, React.js, Node.js).
  - Implemented features for student registration, company posting, and placement tracking with real-time updates.
- **Real time human detection and counting system** (Sep 2022 - Jan 2023) GitHub
  - Developed real-time human detection & counting system using Python & OpenCV.
  - Ensured accuracy & reliability in detection & counting.

## TECHNICAL SKILLS

- **Languages** :- C++, Python
- **Web Technologies** :- HTML, CSS, Javascript, Php, React, Node.js, Express.js
- **Databases** :- MySQL, MongoDB
- **Developer Tools** :- VS Code, Github, Git, Xampp

## UNDERGRADUATE COURSEWORK

Data Structures & Algorithms, Design and Analysis of Algorithms, Object Oriented Programming, Operating System, Database Management System, Computer Networks, SDLC

## ACHIEVEMENTS AND CERTIFICATIONS

- **The Complete 2023 Web Development Bootcamp, Udemy:** Issued Jun 2023. [Verify]
- **Mastering Data Structures and Algorithms using C and C++, Udemy:** Issued Dec 2022. [Verify]
- NCC 'B' certificate.

## STRENGTHS

- Self-motivated, Fast learner, Team player, Leadership