Ritika Rana
Student Programmer

Ambitious, adaptable and self-driven undergrad, passionate about learning in the field of Software Engineering. Eager to optimize the organization's growth by adding value through competence and leadership qualities.

ritika.rana@cumminscollege.in ✉

09834564222 📱

Raigad, India 📍

ritika-rana.github.io/ 🌐

linkedin.com/in/ritika-rana-2575b3157 in

github.com/Ritika-Rana

EDUCATION

Electronics & Telecommunications Engineering
Cummins College of Engineering, Pune

06/2018 - Present   *8.3 CGPA*

Senior Secondary- XII
JH Ambani School, Lodhivali

06/2016 - 04/2018   *89.40%*

Secondary- X
Carmel Convent School, Raigad

04/2015 - 04/2016   *95.20%*

WORK EXPERIENCE

AI Intern
Krishitect

06/2021 - 08/2021

Tasks

- Developed a Deep Learning Model for Image Classification, using Convolutional Neural Network, in Python and created a dataset of more than 2500 images for the same
- Tried and tested several functionalities like Data Augmentation, Batch Normalization, L2 Regularization and Dropout to avoid over-fitting and increase validation accuracy

Campus Ambassador
Coding Ninjas

10/2020 - 04/2021

Tasks

- Worked closely with the Core Team in hosting numerous Programming Contests and Workshops
- Felicitated for being the top performer and acquiring 4000+ registrations from colleges across the country for major Coding events

COURSES AND CERTIFICATIONS

Algorithmic Toolbox- by University of California (Coursera)
Learned Stress-Testing and various types of algorithms to solve computational problems

Data Structures- by GeeksforGeeks
Learned several Data Structures and their applications

SKILLS

C   C++   Data Structures   Algorithms

PROJECTS

Hand Gesture based Computer
- Built a real time contact less Human-Machine Interface that performs functions like scrolling through a webpage, switching tabs, changing volume and more
- Made use of Arduino and Ultrasonic sensors and programmed the solution using the C and Python languages

Speech To Text Conversion Model
- Built a Speech to Text Conversion model using Python and its libraries like Numpy, Matplotlib, Librosa, Scipy and the Keras API

Portfolio website
- Built a Personal Portfolio Website using basic HTML and CSS and hosted it on GitHub through a guided project in Coursera

ACHIEVEMENTS

Secured 1,956th rank out of more than 20,000 students
In a Country-level Programming Contest held by Coding Ninjas

Secured a Global Rank of 540
In a Programming Contest hosted by Codechef for Division 3

Awarded by JH Ambani School
For achieving highest score in Physics(97) in class XII

POSITION OF RESPONSIBILITY

Mentor at Summer of Learning, CCOEW
Mentored juniors as they pursued a course in DSA and helped them with their final reports

LANGUAGES

English
Full Professional Proficiency

Hindi
Native or Bilingual Proficiency

Marathi
Limited Working Proficiency

INTERESTS

Basketball   Athletics   Reading