

Riya

COMPUTER SCIENCE UNDERGRADUATE

✉ riyad17031998@gmail.com 🏠 riya-17.github.io/ 📱 riya-17 🌐 Riya-17

Education

UPES (University of Petroleum and Energy Studies)

Dehradun, India

B.TECH IN COMPUTER SCIENCE ENGINEERING WITH SPECIALIZATION IN OPEN SOURCE AND OPEN STANDARDS

2015 - 2019

Projects

Music playlist generation and recommendation

Ongoing

GENERATE PLAYLIST ACCORDING TO USER'S TASTE OF MUSIC AND RECOMMEND NEW SONGS

Celestial Bodies Detection using Machine Learning

Major 1

DETECT GALAXIES, STARS, COMETS, PLANETS, ETC.

- It uses CNN to analyse the provided galaxy image and classify whether it is elliptical or spiral
Link to the project - [Celestial-bodies-detection \(https://github.com/riya-17/Celestial-bodies-detection\)](https://github.com/riya-17/Celestial-bodies-detection)

Neural Artistic Style Transfer

Self Project

TRANSFER STYLE OF A DESIGN IMAGE TO THE CONTENT OF AN IMAGE.

- It uses Convolutional Neural Network to analyse the content of the image and style of the design image.
Link to the project - [Neural Artistic Style Transfer \(https://github.com/riya-17/CNN\)](https://github.com/riya-17/CNN)

Personal Digital Assistant

Minor 2

A PERSONAL DIGITAL ASSISTANT FOR ANDROID THAT CAN PERFORM USER'S TASK GIVEN IN NATURAL LANGUAGE.

- Directions, Find Restaurants, Weather forecast, Wikipedia, Call & text, Timer, Google, Camera, Open Apps & websites, YouTube
Link to the project : [Personal Digital Assistant \(https://riya-17.github.io/Personal-Digital-Assistant/\)](https://riya-17.github.io/Personal-Digital-Assistant/)

Virtual Assistant

Minor 1

A LINUX BASED VIRTUAL ASSISTANT ON ARTIFICIAL INTELLIGENCE IN C

- Developed Simplified version of "Multinomial Naive Bayes" algorithm for text recognition.
- Find Restaurants, Search Google or Youtube, Fetch weather information, Play multimedia files.
Link to the project : [Virtual Assistant \(https://github.com/riya-17/Virtual-Assistant\)](https://github.com/riya-17/Virtual-Assistant)

Experience

Intel/ UPES

Jun 2018 - Aug 2018

ML AND AI INTERN

- Project** : face Recognition, detects the face of a person using Convolutional Neural network and OpenCV.

Hackr.io

June 2017 - Aug 2017

WEB DEVELOPMENT INTERN

- Developed front-End Prototype for Hackr.io (<https://riya-17.github.io/PrototypeForHackr.io/>)

Open Source

2018 **Hacktoberfest2018**, Successfully accomplished **Hacktoberfest 2018**

[Github](#)

2018 **Open Genus**, Contributor and member of **Open Genus**, an open source organization

[Github](#)

Research Work

Linux Based Virtual Assistant in C

IEEE TRANSACTIONS ON COMPUTERS

under review

Skills

Programming

Proficient: Java, Python *Prior Experience:* C, C++ *Web:* HTML, CSS, PHP, XML

Others

Linux, \LaTeX , Android, Git, SQL, TensorFlow, NumPy, Dlib

Honors & Awards

2017 **MINDSWEEPER**, Secured 5th Rank in a coding event during Cognizance

IIT, Roorkee

2017 **EXPO**, Secured 1st Position for Best Minor Project in University among 200 projects.

UPES

2018 **Awarded**, Grade O (Exceptional Achievement) in Minor 1, Minor 2 and Major 1 projects at SoCS.

UPES

Hackerrank, Hackerrank Username - **riya_17**