

Riya

COMPUTER SCIENCE UNDERGRADUATE

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

“We Either Succeed or Learn.”

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

Celestial Bodies Detection using Machine Learning

Major 1

DETECT GALAXIES, STARS, COMETS, PLANETS, ETC.

Ongoing

Neural Artistic Style

Self Project

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

- An implementation of neural style in TensorFlow.
- 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>)

Personal Digital Assistant

Minor 2

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

- Show directions on map, Find restaurants, Weather forecast, Fetch information from Wikipedia for any question, Call & text (WhatsApp too) Anyone, Set Timer, Google Search, Camera, Open Apps & websites, Play video on YouTube
Link to the project : **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 in an area using Google Geocoding and Places APIs, Search anything on Google or Youtube, Fetch weather information of any place, Play multimedia files.
Link to the project : **Virtual Assistant** (<https://github.com/riya-17/Virtual-Assistant>)

Experience

Intel

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
Link to the project : **prototype for Hackr.io** (<https://riya-17.github.io/PrototypeForHackr.io/>)

Open Source

Hacktoberfest 2018

Github

SUCCESSFULLY ACCOMPLISHED **HACKTOBERFEST 2018**

Open Genus

Github

CONTRIBUTOR AND MEMBER OF **OPEN GENUS**, AN OPEN SOURCE ORGANIZATION

Research Work

Linux Based Virtual Assistant in C

IEEE TRANSACTIONS ON COMPUTERS

under review

Skills

Programming *Proficient:* Java, Python *Prior Experience:* C, C++
Machine Learning TensorFlow, NumPy, OpenCV, Dlib
Web PHP, HTML, CSS, XML
Others Linux, \LaTeX , Android, Git, SQL

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*

Extracurricular Activity

Hackerrank, Hackerrank Username - **riya_17**