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

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)**

Prototype for Hackr.io

INTERNSHIP PROJECT

- A Prototype website for Hackr.io. It is a site that consists of online programming courses and Tutorials.
  Link to the project : **prototype for Hackr.io (https://riya-17.github.io/PrototypeForHackr.io/)**

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

Research Work

Linux Based Virtual Assistant in C

IEEE TRANSACTIONS ON COMPUTERS   *under review*

Skills

Programming	*Proficient:* Java, Python	*Prior Experience:* C, C++, C#, MySQL, PL/SQL
Machine Learning	TensorFlow, NumPy, SciPy, OpenCV, Dlib, Jupyter Notebook	
Web	PHP, JavaScript, HTML, CSS, JavaScript, Bootstrap	
Others	Linux, LaTeX, OpenGl, .Net Technologies, Android	

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

2017	**Github**, Contributor and member of **Open Genus**, an open source organization
	Hackrrank, Hackrrank Username - **riya_17**