Riya

COMPUTER SCIENCE UNDERGRADUATE

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"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*

Experience

Hackr.io

WEB DEVELOPMENT INTERN   *Jun 2017 - Aug 2017*

· Designed front-end prototype website of Hackr.io.

Projects

Personal Digital Assistant   *Minor 2*

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

· 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://ritwik12.github.io/assets/pda/index.html)**

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)**

Internship Project

PROTOTYPE FOR HACKR.IO

· 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://ritwik12.github.io/Prototype-For-Hackr.io/)**

Research Work

Linux Based Virtual Assistant in C

IEEE TRANSACTIONS ON COMPUTERS   *under review*

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

2015   **Yuva**, focuses on helping children. Organized various extra-curricular and social activities.
2017   **Github**, Contributor and member of **Open Genus**, an open source organization
         Hackrrank, Hackrrank Username - **riya_17**

Skills

Programming   *Proficient:*Java   *Prior Experience:* C, C++, C#, MySQL, Android, Python
Web   PHP, JavaScript, HTML, CSS
Utilities   Linux shell utilities