

# 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**  
**Web**  
**Utilities**

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