

# 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 AND ENGINEERING

2015-2019

Specialization in Open Source and Open Standards

## Experience

### Hackr.io

ASSOCIATE MANAGER & CONTENT RESEARCHER

May 2017 - July 2017

- Joined as Content Researcher and Programmer.
- Promoted to Associate Manager, leader of 7 members team.
- Under Programming Project designed prototype for Hackr.io website.
- Under Marketing Project worked on Quora and Researched helpful articles on different topics related to Programming world.

## Projects

### Minor 2

UPES

PERSONAL DIGITAL ASSISTANT

Ongoing

- A personal digital assistant that can perform user's task given in Natural Language.  
Constraints : Android  
link to the project : **Personal Digital Assistant** (<https://ritwik12.github.io/assets/pda/index.html>)

### Minor 1

UPES

VIRTUAL ASSISTANT

- A virtual assistant based on Artificial Intelligence technique/s that can perform tasks or services for an individual.
- Awarded as the best minor project in the whole university.
- Developed Simplified version of "Multinomial Naive Bayes" algorithm for text recognition.
- Find restaurants in an area using Google Geocoding and Places APIs.
- Fetch weather information of any place.
- Search anything on Google or Youtube.
- Play multimedia files such as audio and video songs.  
Constraints : C language  
Operating System : Linux  
link to the project : **Virtual Assistant** (<https://github.com/riya-17/Virtual-Assistant>)

### Internship Project

PROTOTYPE FOR HACKR.IO

- A Prototype for Hackr.io. It is a site that consists of online programming courses and Tutorials.  
Web Development Project  
link to the project : **prototype for Hackr.io** (<https://ritwik12.github.io/Prototype-For-Hackr.io/>)

## Research Work

LINUX BASED VIRTUAL ASSISTANT IN C

under review

## Honors & Awards

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- 2017 **MINDSWEEPER**, Secured 5th Rank in a coding event during Cognizance  
2017 **OSS**, Best Minor Project in Branch  
2017 **EXPO**, Secured 1st Position for Best Minor Project in University among 200 projects.

*IIT, Roorkee*

*UPES*

*UPES*

## Extracurricular Activity

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### Yuva

*UPES*

CORE COMMITTEE MEMBER

- The society focuses on helping children.
- Proposed various extra-curricular and social activities to help them.

### GitHub

OPEN GENUS ORGANISATION

- Contributor and member of **Open Genus**, an open source organization
- This organization aims at providing information and researches offline.

### GitHub

MENTAL HEALTH KNOWLEDGE BASE

- Member of **Mental Health Knowledge Base organization**
- This organization aims at making people aware of mental health and wellness

### Hackerrank

*Online*

CODER

- Hackrank Username - **riya\_17**

## Skills

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<b>Programming</b>	<i>Proficient:</i> Java	<i>Prior Experience:</i> C, C++, C#, MySQL, .Net, Android
<b>Web</b>	PHP, JavaScript, HTML, CSS	
<b>Utilities</b>	Linux shell utilities	

## Coursework

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Design and Analysis of Algorithms  
Software Engineering & Project Mgmt  
IT Applications and Open Standards  
Data Communication and Computer Networks

Operating Systems  
Computer System Architecture  
Web Technologies through PHP  
Administering Open Source Systems