

RitwikSharma

Computer Science Undergraduate

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Education

2015-2019

B.Tech. Computer Science & Engineering
Specialization in Open Source & Open Standards

UPES, Dehradun

Open Source

2017

Github Developer Program Member

Github

OpenGenus <https://github.com/OpenGenus>

Github

Member of OpenGenus, an open source organization.

- Aimed at building the extraordinary, Based in Japan

Up For Grabs <http://up-for-grabs.net>

Github

Up for grabs website hosts projects which have curated tasks specifically for new contributors.

- Collaborator and maintainer at up-for-grabs.net.

Projects

2017

Virtual Assistant

<https://github.com/ritwik12/Virtual-Assistant>

Minor 1

A linux based Virtual assistant on Artificial Intelligence in C

- 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.
- Play multimedia files such as audio and video songs.

2017

Sport Classifier

<https://github.com/ritwik12/Sport-classifier>

Self Project

It is an Implementation of Pattern classification.

- Just give some hint about a sport and it will try to guess the sport about which you are talking.
- The pattern classification is somewhat like Naive Bayes Classifier.

Experience

May 2017 to July 2017

Hackr.io <https://hackr.io/>

Summer Intern at Hackr.io

(**Prototype For Hackr.io** <https://ritwik12.github.io/Prototype-For-Hackr.io>)

- Designed Front-end prototype for Hackr.io website
- Technology used: HTML, CSS, JavaScript, Bootstrap

Skills

Programming	<i>Proficient:</i> C/C++ <i>Prior Experience:</i> Java, C#
Web	PHP, JavaScript, Bootstrap, HTML, CSS, XML
Others	Linux, Git, \LaTeX , OpenGL, .Net Technologies, Android

Honors & Awards

December 2017	Best minor project award University rank 1 for minor projects out of 200 projects	UPES
2013	International rank 274 , National Science Olympiad (NSO) organized by SOF.	
March 2017	DART AND DASH Secured 1st rank with cash prize among various coders in coding event "DART AND DASH" held at University Of Petroleum And Energy Studies.	Digital India Week
March 2017	MINDSWEEPER Secured 5th rank in a coding event "MINDSWEEPER" on "Hackerrank" organized at IIT roorkee during Cognizance 2017.	IIT Roorkee

Extracurricular Activity

2015	Yugmak Event organizer at Yugmak (a national event organized by CSI).	Computer Society Of India
2017	Cognizance Campus Ambassador at UPES Dehradun for Cognizance IIT roorkee (Techfest) 2017 under Student Partnership Programme.	IIT Roorkee
2015-2016	Computer Society Of India Core Committee member of Computer Society Of India (CSI)	

Miscellaneous

- Contribute to open source, **Github**.
- Competitive coding at Hackerrank, **ritwik_1204**.