

RitwikSharma

Computer Science Undergraduate

☎ (+91) 8126445890 | ✉ ritwik.1204@gmail.com | 🌐 ritwik12 | 🏠 ritwiksharma | in ritwik-sharma

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

- 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.
- Developed algorithms for Google and YouTube Search.

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.

2018

Personal Digital Assistant for Android

Ongoing

Publications

Linux based Virtual Assistant in C
Springer Artificial Intelligence Review

under review

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 *Proficient:* C/C++ *Prior Experience:* 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** UPES
University rank 1 for minor projects out of 200 projects

2013 **International rank 274**, National Science Olympiad (NSO) organized by SOF.

March 2017 **DART AND DASH** Digital India Week
Secured 1st rank with cash prize among various coders in coding event "DART AND DASH" held at University Of Petroleum And Energy Studies.

March 2017 **MINDSWEEPER** IIT Roorkee
Secured 5th rank in a coding event "MINDSWEEPER" on "Hackerrank" organized at IIT roorkee during Cognizance 2017.

Extracurricular Activity

2015 **Yugmak** Computer Society Of India
Event organizer at Yugmak (a national event organized by CSI).

2017 **Cognizance** IIT Roorkee
Campus Ambassador at UPES Dehradun for Cognizance IIT roorkee (Techfest) 2017 under Student Partnership Programme.

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**.