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* Member of OpenGenus, an open source organization. • Aimed at building the extraordinary, Based in Japan	Github
	Up For Grabs *http://up-for-grabs.net* Up for grabs website hosts projects which have curated tasks specifically for new contributors. • Collaborator and maintainer at up-for-grabs.net.	Github

Projects

2017	**Virtual Assistant** *https://github.com/ritwik12/Virtual-Assistant* 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.	Minor 1
2017	**Sport Classifier** *https://github.com/ritwik12/Sport-classifier* 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.	Self Project

Publications

	Linux based Virtual Assistant in C IEEE Transactions on Pattern Analysis and Machine Intelligence	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.**