

Rahul Chauhan

Final Year (B.Tech)
Computer Science & Engineering
at NIT Srinagar
CGPA : 8.05(expected) till date

J-90, NIT Srinagar, Hazaratbal
Srinagar, J&K-190 006, India
+91-8449 368 522
rahul.nitsxr@gmail.com
http://rahulchauhan.net



Links

LinkedIn:// rahulworld
Github:// rahulworld
Behance://rahul_world

Skills

Programming

OS

GNU/Linux, Windows

Languages

C/C++, Java, Python, javascript

Framework

Flask, ExtJS, Node.js, Android,
Web-development

Database

MySQL, PostGIS, MangoDB

Others

Markdown, Git, Vim, Sublime Text,
Eclipse, Android Studio, Coral Draw,
Adobe Illustrator, Adobe Photoshop

Area of Interests

Software Development

Machine Learning

Data Analysis

Data Structure

Algorithms

Android and Web Development

Coursework

Data Structures

Algorithm

Parallel and Distributed Computing,

Neural Networks

Discrete Mathematics

Operating Systems

Introduction to Database Systems

Activities

#Slash

Mar 2017- continue

- Started first machine learning club
NIT Srinagar

- Gave talks on GSoC, Open source, using Git

- Organized various cultural programs

- Won prizes in quiz competition

Education

2014-2018

**B. Tech in Computer Science &
Engineering**

NIT Srinagar, CGPA 8.05/10(Expected)

Till 6th semester

Last Updated on 21 Oct. 2017

Experience

May 2017- Oct 2017 **istSOS(OSGeo) Google Summer of Code 2017 Student Developer Intern**

Data analysis and statistical tool suit: istSOS2 provides easily manage your sensor network and distribute your data in a standard way. which is be used to automate the creation of statistic documents using OAT(Observation analysis tool) and harvesting the data from an istSOS server.
ExtJS, Dygraph.js, D3.js, Data analysis, Python, PostGIS, Pandas, Numpy, Scipy

Dec 2016- Jan 2017 **Indian Institute of Science, Bangalore Research Intern**

Data Fusion of hyperspectral and panachromatic images: satellite sensors provide mainly two types of images: spatially high informative data and spectrally high informative data. pan sharpening is one kind of data fusion become very wide spread method which populate the spectral band information with the influence of high spatial information.
Satellite images(Chandrayan), Fusion Algorithm, Java

Sep 2016- now **fossasia, istSOS(OSGeo), Gcomprise(KDE) Open Source Contributor**

fossasia: bug fixing, added feature in susi android app (chat bot).

istSOS: bug fixing in java api which is used in android application.

Gcompris: bug fixing, added activity in education software suit.

Android, Java, C++

Dec 2015- Jan 2016 **Smokey (Startup), Bangalore Winter Intern**

Worked on location based services application which provide services at any location near services provider and also made friend module.

Android, Mysql, Google map

2008- 2014 **Various organisation Graphics Designer/Technical Consultant**

Anant Printers, Krishna Graphics, ixlonline Jammu.

CoralDrawX3, Adobe Illustrator, Adobe Photoshop

Achievements/Awards

Jul 2017 **Angelhack, Jaipur Finalist**

In this hackathon Developed a platform where smart contract will be signed.

Dec 2015- now **Various hackathon, challenge and Workshops Participated/Winner**

Participated in various hackathons, programming challenge and hacking workshops.

Aug 2015 **Digital India Grand Prize Winner**

In this hackathon developed a web-app in which showing kashmir as paradise on earth.

May 2015 **Web and App development team** Techvaganza'15, NIT Srinagar. **Coordinator**

Side Projects

Digisign

Blockchain, Flask, javascript

This is an app to digitize smart contracts. An Idea to use blockchain to create smart contracts.

url-shorter

javascript

A Chrome extension tool to set URL shorter and aliases.

Voice Calculator

Android

It is an android application in which user can compute calculation by user's voice.

Hadoop Prototype

Java

Initial empty hadoop prototype for eclipse.

Result Portal and Document Sharing

Android

Created android app result can upload using CSV file.

Others Projects

In Visit Github.

Publication

Pan sharpening of Multispectral data using B-spline and Super curve

under Chief Research Scientist **Dr. S N Omkar**, IISc Bangalore. My paper abstract accepted in **38th Asian Conference on Remote Sensing (ACRS 2017)**.