

EXAMINATION	UNIVERSITY	INSTITUTE	YEAR	CGPA (. / %)
GRADUATION	Sikkim Manipal University	Sikkim Manipal Institute of Technology	2015 – current	9.15
INTERMEDIATE /+2	Council For The Indian School Certificate Examinations	St.Xavier's Collegiate School, Kolkata	2015	88.2%
MATRICULATION	Council For The Indian School Certificate Examinations	St.Xavier's Collegiate School, Kolkata	2013	95.2%

Links

github.com/rishavr
[quora.com/Rishav-Rakshit-1](https://www.quora.com/Rishav-Rakshit-1)

COURSEWORK

Data Structures
 Design & Analysis of Algorithms
 Engineering Mathematics
 Machine Learning & AI
 Object Oriented Programming
 Computer Networking

PROJECTS/RESEARCH

Crawling & Parsing Web Content of Folklore.org and creating a Repository

Timeline: December 2014
 Languages: Java & Jsoup
 A crawler to crawl through the website folklore.org (about the first Macintosh Team, written by Andy Hertzfeld), extracting and parsing content and creating a backup repository of content.

Admit Card Generator, Govt. of Sikkim

Timeline: December 2016
 SSRTB, Govt. of Sikkim
 Languages: Java & SQLite
 A GUI software that allows to store multiple candidate data in DB, retrieve data according to query and generate Admit Card for Teacher's Training Exam, SSRTB, Govt. of Sikkim.

PROJECTS/RESEARCH

Three Stage Hybrid Genetic Algorithm

Timeline: June 2017
 Languages: Java & jMetal Framework
 I worked under Dr. Sunita Singhal at Manipal University Jaipur along with a team of two to develop a novel Hybrid Genetic Algorithm and its application to TSP.

Automatic Text Summarization using Wu-Palmer Measure and Graph based Selection

Timeline: May 2017
 Languages: Python & NLTK
 I worked under Prof. Udit Kr. Chakravorty to design a generic text summarizer with greater context relation and accuracy than traditional TextRank based summarizers.

Program to Map Standardised TTR of Medium Sized Corpus to judge Lexical Quality

Timeline: February 2017
 Languages: Java/ Regex Matching & Hashtable
 Standardised TTR is a more accurate measure of lexical quality of corpus that considers TTR per thousand tokens and maps the result to establish overall lexical range of corpus.

TAPnGO (Inception)

Inception is the annual technical fest of SMIT. I worked alongside Spandan Buragohain to develop TAPnGO, an Android App developed using GOOGLE NEARBY API to exchange contact details and people portfolios instantaneous between unknown parties over very short distances in under 48 hours of coding time.

LEADERSHIP POSITIONS

Vice President, Students' Council – SMIT

Timeline: November 2017 – present

Responsible for actively framing policies alongside college leadership for student benefit and progress.
Overseer of student growth and development while in SMIT.
Presides over a Council of nominated/elected student representatives responsible for various activities i.e. placements, conduct, industry liaison, establishment of student programs, all events taking place across the campus.

Convener, Kaalrav 2018

Timeline: January 2018 – March 2018

Kaalrav is the biggest student festival of Sikkim. In this edition Kaalrav we partnered with Red Bull India to facilitate their first marketing campaign in Sikkim via the Red Bull Tour Bus which featured bands – The Local Train and Arogya. The responsibility of the Convener is to lead the initiative of Kaalrav as a formal event manager and overseer of the entire 3 day festival.

Convener, Mozilla in Sikkim

Timeline: March 2017 – March 2018

As the campus ambassador it was my responsibility to ensure that the open source message of Mozilla is spread throughout the state of Sikkim finding inception in SMIT – to increase the percentage of free and open source software used in India at large. To sensitize students about open source Mozilla platforms such as Bugzilla, Firefox Nightlies Development cycle etc. I was the Chief Organizer of the First Mozilla in Sikkim Initiative.

Club Lead, D'CoderS

Timeline: March 2016 – present

D'CoderS is a one of a kind initiative started in March 2016 to increase the coding prowess of SMIT and serve as a platform for developers and coders to connect. Inspired by the teaching techniques of the likes of Mehran Sahami, CS 50 at Harvard et al. the club has tie ups with CodeChef and HackerEarth and hosts regular Hackathons, workshops and Code Meets.

FORMAL INTERNSHIPS

Myndroot Kolkata (Corporate)

Timeline: July 2017

Position: Web Developer Intern

I worked under with a dynamic creative agency in association with Game Plan and Arun Sign as a Web Developer and Industrial Designer aspirant for the following clients – Bhawani Group, FIFA U-17 World Cup, Indian Soccer League – 18.

CSIT, Manipal University Jaipur (Academic)

Timeline: June 2017

Position: Research Intern

I worked under Dr. Sunita Singhal at the Department of CSIT - Manipal University Jaipur along with a team of two to develop a novel Hybrid Genetic Algorithm and its application to TSP.

LANGUAGES

Java (JSOUP, JMETAL etc.) C, C++ Python (NLTK)
HTML5 & CSS3 Javascript(& other JS libraries)
MYSQL & SQLITE R (language)

AREAS OF INTEREST

Computational Linguistics & NLP
Data Analytics & Compilation
Web Technologies