Rohit Lodha
MALE, 20 YEARS
B.E.(Hons.)Computer Science (2015-2019)
CGPA: 9.169

EDUCATION

AISSCE (Class XII)	2015	St. Anselm's Pink City Sr. Sec. School, Jaipur	94.2%
AISCE (Class X)	2013	St. Anselm's Pink City Sr. Sec. School, Jaipur	10 CGPA (95%)

INTERNSHIPS

Summer Intern, **Yrals Digital,** Mumbai   (May 2017 - July 2017)

Yrals Digital – A Tech Media Startup with a history of creating innovation with apps, products and platforms.
- **Twitter Trends Recommendation Engine** : Analysis of trending hashtags using regression algorithms to predict their peaks and find probable rising trends.
- **GIF Suggestions** - Recommending GIFs by analyzing the article text for keywords and sentiments using natural language processing.

Student Developer, **Software Package Data Exchange SPDX, Google Summer of Code 2017**   (May 2017 – August 2017)

SPDX - A standard format for communicating the components, licenses and copyrights associated with a software package.
- **SPDX Online Tool (Mentors : Gary O'Neall and Philippe Ombredanne) :** By forming a **Python – Java bridge**, built an all-in-one portal to upload and parse SPDX documents for validation, comparison and conversion and search SPDX license list.[GitHub Repo]

ACADEMIC PROJECTS

- **Concurrency Testing using (UML) Sequence Diagrams (Supervisor : Dr. Pankaj Vyas)**   (Jan 2017 - May 2017)
  - Generate test cases from Unified Modeling Language (UML) Sequence Diagrams to analyse and **depict dynamic runtime behavior of a system** using Java GUI. [GitHub Repo]
- **SSMS Grub Portal (ssms-pilani.org) [APOGEE 2017 Winner]**   (August 2016 – Jan 2017)
  - A Django based web portal to **curb fake signings** in the campus by providing transparency and automating the signing process. [GitHub Repo]
- **Object Detection using High Speed Vision (Supervisor : Prof. Pramod K. Tanwar)**   (August 2017 - Present)
  - Working on a project based on Image processing for object identification and machine learning algorithms for color and shape based tracking.[GitHub Repo]
- **VizAid (Microsoft code.fun.do 2017)**   (Feb 2017)
  - An Android App providing face recognition, image-to-text conversion and emotion detection was built for the visually impaired people using Microsoft Cognitive APIs. [GitHub Repo]

ACADEMIC ACHIEVEMENTS AND AWARDS

- Winner of APOGEE 2017 in the category Software Design Application Development.
- Awarded Kishore Vaigyanik Protsahan Yojana (KVPY) scholarship by Department of Science and Technology in 2015.
- Qualified National Standard Examination in Chemistry (NSEC) in 2014.

POSITIONS OF RESPONSIBILITY

- As **Web Technical Head** of **Society for Student Mess Services (SSMS)**
  - Reformed the society by building SSMS Grub portal used by all the students of BITS Pilani.
  - Responsible for developing, updating and maintaining the web services provided by SSMS.
- As **Joint Secretary** and **Treasurer** of **Computer Science Association (CSA)**
  - Develop, organize and manage events and games during the college annual technical festival– APOGEE.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Google Online Marketing Challenge 2017, Team Leader
  - Partnered with Thread India (an NGO) creating online Ad Words Campaigns for promoting their services.
  - Achieved 4135 clicks with an average CPC of $0.06, and a CTR of 4.49%.
- Teaching Assistant of Computer Programming and Object Oriented Programming in 2nd Semester 2016-17 under the Department of Computer Science and Information Systems, BITS Pilani.

OTHER INFORMATION

- **GitHub** Username : rtgdk , Website : rtgdk.github.io
- Inkscape-web developer at Inkscape – Free and Open-Source Vector Graphics Editor.
- Senior Member, BITS-ACM (Association of Computing Machinery)
- Former Lead Web Developer at EnableLive – a BITSian startup which provides business solutions.