# SEJAL GUPTA

NIT Kurukshetra, Thanesar, Haryana-136119

+91– 8295204344

sejalcjm@gmail.com

https://github.com/Sejal-G

www.linkedin.com/in/sejal-gupta-3aab7815a/

Result oriented and a keen developer with a good background of data structures and Competitve Coding.

## EDUCATION

**B.Tech (COMPUTER ENGINEERING)**
National Institute of Technology, Kurukshetra
2017-Present          CGPA - 9.2857/10
                      (Upto 5$^{th}$ sem)

**Class XII (CBSE)**
The Cambridge Senior Secondary School, Dehradun.
2016-2017          89.0%

**Class X (ICSE)**
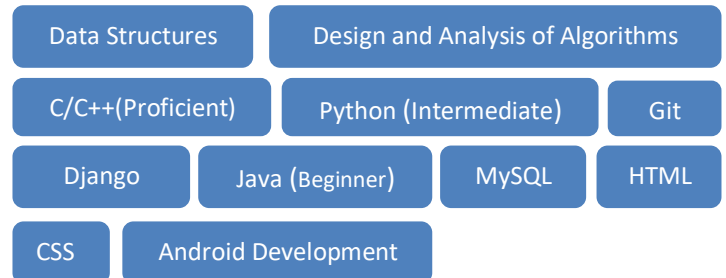Convent of Jesus and Mary, Dehradun.
2014-2015          96.8%

## ACHIEVEMENTS AND EXTRA-CURRICULAR

- One of the top 4 teams in Industry Cell Startup Weekend - 2019.
- Silver medal in Inter-Year (4x400m) at NIT Kurukshetra CITIUS- '19.
- Participated in MADATHON- 10 KM run for creating awareness about the drying streams.
- Gold medal in INTER-CJM Cross Country marathon.
- Felicitated by Times of India, a Certificate of Excellence for academic excellence in state-2015.
- Awarded ISC'2011 scholarship for highest score in class 2014.

## POSITIONS OF RESPONSIBILITY

- **Volunteer, Shiksha: A Step Towards Enlightenment**, a social initiative started by students of NIT Kurukshetra (2017 - Present).
- **Member**, student body, **NIT Kurukshetra Alumni Association (2018-2019).**
- **Writer, Editor** and **Mentor**, **Just Another Magazine,** teamed for 3 issues (2018-present).
- **Member,** Dance Society, **Street Under Construction**-winner and participant in various internal and external events from 2017-2019.

## SKILLS

- Data Structures
- Design and Analysis of Algorithms
- C/C++(Proficient)
- Python (Intermediate)
- Git
- Django
- Java (Beginner)
- MySQL
- HTML
- CSS
- Android Development

## PROJECTS

**Ongoing Research Project**          [Jan '20 –present]

*'Secured and Energy-Efficient Offloading of data in fog and cloud for IoT devices using ECC-Elgamal Encryption.'*

Under Prof. Dr. Ritu Garg (Department of CoE, NIT Kurkshetra).

The research involves mitigation of Man-In-The-Middle attacks by using a Homomorphic Encryption (ECC-ElGamal) during offloading of data in IoT devices.

**Sentiment Analysis Project**
Tech Stack- Python, Natural Language Toolkit (NLTK),numpy, scipy.

Social Media Sentiment Analysis using Twitter dataset by classifying the comments as positive sentiment or negative.

**A Portal Website**
Tech Stack - Django, Python, Map API.

A portal website built in Django (Python for backend, and HTML, CSS, Javascript for frontend). It helps the users to locate and collaborate with nearest helpers.

**NIT Guide**
Tech Stack – Android Studio, Java, Map API, Firebase.

An android app to help college students find previous exam papers, locate nearby food places, attendance manager.