# **SEJAL GUPTA**

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

### **EDUCATION**

### **B.Tech (COMPUTER ENGINEERING)**

National Institute of Technology, Kurukshetra 2017- CGPA - 9.3382/10 Present (Upto 6<sup>th</sup> 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%

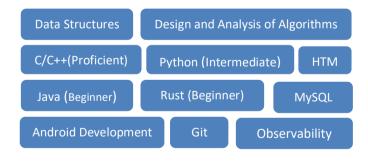
### **EXPERIENCE**

## Goldman Sachs (SDE Intern)

May 2020 - June 2020 (6 weeks)

Worked on Monitoring and Observability of a service in rust, proprietary to the company. Used Grafana, Jaeger and Prometheus to monitor the system.

### **SKILLS**



### **ACHIEVEMENTS AND EXTRA-CURRICULAR**

Silver medal in Inter-Year (4x400m) at NIT Kurukshetra CITIUS- '19.

One of the top 4 finalists in Startup weekend for two consecutive years, organised by Industry Cell.

Qualified for Hackathon at PEC (One of the top 5 teams out of 30).

Felicitated by Times of India, a Certificate of Excellence for academic excellence in state.

### **PROJECTS**

**Research Project** 

[Jan '20 -May '20]

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

Under Prof. Dr. Ritu Garg , Dr. Nitin Gupta (Senior Member, IEEE)  $\,$ 

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

**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** 

[Ongoing project]

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.

#### 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-Present).

Writer, Editor and Mentor, Just Another Magazine, teamed for 5 issues (2018-present).

Member, Dance Society, Street Under Construction-winner and participant in various internal and external events from 2017-2019.