

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- Present CGPA - 9.3382/10 (Upto 6th 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

Data Structures	Design and Analysis of Algorithms	
C/C++(Proficient)	Python (Intermediate)	HTM
Java (Beginner)	Rust (Beginner)	MySQL
Android Development	Git	Observability

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.