

# Samarpan Das

3rd Year Electronics and Communication Engineering

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## EDUCATION

### Bachelor of Technology(B.Tech)

SRM Institute of Science & Technology

07/2019 - Present

9.3 / 10 CGPA

### AISSCE (Class XII)

Delhi Public School, Siliguri

03/2018 - 04/2019

88 %

### AISSCE (Class X)

Delhi Public School, Siliguri

03/2016 - 03/2017

10 / 10 CGPA

## EXPERIENCE

### Technical Associate

Microsoft Student Ambassadors, SRMIST [🔗](#)

10/2020 - Present

Achievements/Tasks

- Lead a team of 6 and oversaw all operations and development of the **Q-Gen** app, website and backend.
- The project decreased the time to generate question papers by almost **80%**.
- Contributed to **open source projects** with **100+ active users**.

### Programmer

SRM Competitive Programming Club [🔗](#)

08/2020 - Present

Achievements/Tasks

- Guiding peers and developing the knack of **Competitive Programming** and honing algorithmic skills.
- SRM CP Club hosts over **240 members** of varied departments and academic sessions.

## CERTIFICATIONS

Google Data Analytics Specialisation (06/2021) [🔗](#)

Google, Coursera

Complete Android Developer Course (09/2020) [🔗](#)

Udemy

Deep Learning Specialisation (08/2020) [🔗](#)

Deep Learning.ai, Coursera

Machine Learning (04/2020) [🔗](#)

Stanford University, Coursera

## SKILLS

Android App Development

Deep Learning

C++

Python

Data Analytics

Version Control

SQL

Tableau

Java

Tensorflow

Pandas

Matplotlib

BigQuery

GitHub

Leadership

Teamwork

## PROJECTS

Test Paper Generator (Q-Gen) || Java, Kotlin, XML, Retrofit

- Engineered an **android application** that generates questions and answers from a given pdf.
- The Q-Gen app has been integrated with a **Flask backend** to perform core tasks and has implementations of **attractive UI - UX** elements.

Global Terrorism Analysis || Python, Tableau, SQL [🔗](#)

- Performed **data analytics** of **2,00,000+** terror attacks around the globe over the time frame of 1970 to 2019.
- Powerful tools like **SQL**, **Google BigQuery**, **Tableau** & **Python** have been used to **prepare, process, analyse & visualise** the huge dataset.

Face Recognition using One Shot Learning || Python, Tensorflow, Keras [🔗](#)

- Implemented a **deep learning** system using **One Shot Learning** and **Transfer Learning** with a **Siamese Neural Network** architecture to recognise faces with only one training image.
- The project has been inspired by the research papers : *FaceNet* (2015) and *DeepFace* (2014).

Instant Earthquake Tracker (Tracky) || Java, XML, API [🔗](#)

- Developed an **android application** that tracks and displays the intensity, location, and other informations about recent earthquakes in real time.
- Tracky works with the **USGS API** to fetch information directly from the USGS server and displays the information on a **Recycler View**.

Google Classroom Extension (StudEaz) || HTML, CSS, JavaScript [🔗](#)

- Built a **web extension** that allows users to download files from Google Classroom with just a couple of clicks, reducing the time to download files by more than **70%**.
- StudEaz is available for Chrome, Firefox, Microsoft Edge Extension store, with over **100+ downloads**.

## ACHIEVEMENTS

Top 2 Percentile among 30K participants @Codechef Smackdown Coding Competition (10/2021) [🔗](#)

Ranked 3 Star Coder @CodeChef (06/2021 - Present) [🔗](#)

5 Star Problem Solver @Hackerrank (05/2021 - Present) [🔗](#)