# Sarthak Rawat

Email : sarthak0312@gmail.com
Mobile : +91 7456983574

## EDUCATION

- **Graphic Era University** — Dehradun, India
  *Bachelor of Technology in Computer Science and Engineering; CGPA: 8.5/10.0* — *Aug. 2016 – Aug. 2020*

- **St Joseph's Convent School** — Kotdwar, India
  *XII ISC Board; Percentage : 86* — *April 2015 – April 2016*

- **St Joseph's Convent School** — Kotdwar, India
  *X ICSE Board; Percentage : 81* — *April 2013 – April 2014*

## FIELDS OF INTEREST

- **Data Structures and Algorithms**:

## PROGRAMMING SKILLS

- **Languages**: C, C++, Java, Python, R, SQL, Javascript, PHP

- **Technologies**: Basic knowledge of : AWS, Tableau, PowerBI

## PROJECTS

- **8085 Microprocessor Simulator**: It takes 8085 instructions as input and outputs the resultant state of memory and registers. I wrote the code for the functions assigned to me.I learnt to work in a team.
  https://github.com/srtkRWT/8085-microProcessor-simulator

- **Share Market Data Visualization (historical and live data) using Python and Tableau**: Using Tableau, you can visualise 20 years of share market data of any two companies. Python was used to visualise live market data of any 4 companies.

- **Real Time Hand Gesture Recognition Using CNN**: We used Keras in Python to implement CNN model.

- **Basic Android App Built Using MIT App Inventor**: The app collects the user activity and then visualizes how long the user used gaming, messaging, and social media apps.

- **Participated in GEURE-2019**: Graphic Era Deemed To Be University Research Expo, held on January 19, 2019. We made an IOT solution for smart home security.

## CERTIFICATES AND ACHIEVEMENTS

- **CodeX Winner**: Onsite programming contest organized on 20th January 2018 by department of computer science and engg. GEU.
  Secured 1st position among Btech 2nd year and 2nd position overall

- **Code Busters**: Onsite programming contest organized on May 6, 7 & 8 of 2018.
  Secured 3rd position

- **CodersBit**: Recieved a certificate of achievement for outstanding performance in CodersBit 2018.
  CodersBit is one of a kind, nationwide Coding Challenge that would span across 3 months and spread over 300 colleges.

- **Training On Networking And Cloud Computing**: Completed training on Networking And Cloud Computing from 24 August 2017 to 28 October 2017 (conducted by RCPL) with grade B+.
  Certification ID : GEAP-17/DHN/NCC/027185

- **Training On Advanced Linux**: For participating in the training on Advanced Linux from 25 March 2018 to 15 April 2018 (conducted by RCPL).
  Certification ID : GEAP-17/DHN/Al/030466

- **Training On Tableau**: For participating in the training on Tableau from 16 July 2018 to 14 August 2018 (conducted by RCPL).
  Certification ID : GEAP-17/DHN/TBL/032943

- **Participated in ACM ICPC-2019**: Asia Kolkata-Kanpur Preliminary Online Contest 2018 rank 145

## Interest and Hobbies

- **Competitive Programming**: Competitive programming is a mind sport usually held over the Internet, involving participants trying to program according to provided specifications.

  I practice on different platforms like codechef, codeforces, interviewbits, and spoj.

  Codechef profile : https://www.codechef.com/users/srtk_rwt_ Highest Rating : 1937 purple

- **Football**:

- **CS:GO**:

## Address

107 Boys Hostel
Graphic Era University
Clement Town
Dehradun
India
248002