

RAJAT SAINI

+917838871767

2K16/CO/245

Website — <https://sainirajat.github.io>

sainirajat500@gmail.com

<https://github.com/sainirajat>

EDUCATION

| | | | |
|-------------------------------|-------------|---------------------------------------------------------------|------|
| B.Tech (computer engineering) | 2016 - 2020 | Delhi Technological University | 7.89 |
| CBSE (Class XII) | 2016 | D.A.V. Centenary Public School, Paschim Enclave, New Delhi | 94% |
| CBSE (Class X) | 2014 | D.A.V. Centenary Public School, Paschim Enclave, New Delhi | 8.8 |

ACADEMIC PROJECTS

- **Elixir Website** (Link : https://github.com/sainirajat/Elixir_website) July 2018 - July 2018
Front end developer of the web application of Elixir (health society of DTU). HTML, CSS and framework like bootstrap was used to make an user friendly interface.
- **Hand Recognition** (Link : <https://github.com/sainirajat/Hand-Recognition>) Feb 2018 - March 2018
Hand recognition is a model trained on Oxford hand dataset using single shot detector (SSD) tensor flow. It inputs an image with webcam or with some other sources and makes bounding box around all the hands detected in the image.
- **Firing Text** (Link : <https://github.com/sainirajat/Firing-Text>) Aug 2017 - Sept 2017
Firing text is a messaging application which is named so because it uses firebase database and firebase authentication. One can send message to the other person using their user id after google or Facebook authentication.

ACADEMIC TRAINING

- **Algo ++** June 2018 - July 2018
This program provides a hands on coding experience on various algorithms and data structures.
- **Machine Learning** Dec 2017 - Feb 2018
This program provides introduction to various fields under machine learning (including writing some machine learning algorithms from scratch) and neural network. And then provides knowledge and mentors to help work on various datasets.

TECHNICAL EXPERTISE

| | | |
|----------------------|---|------------------------------------------------------------------|
| Programming Language | : | C , C++ |
| Development | : | IOS Development,HTML, CSS |
| Software Library | : | Sklearn, pandas, openCV, keras |
| IDE | : | Xcode, Jupyter Notebook |
| Operating System | : | MacOS, Linux |
| Course Subjects | : | Data Structures, algorithm design and analysis, operating system |

ACADEMIC ACHIEVEMENTS AND AWARDS

- **2nd Prize** out of 67 participants in coding hackathon organised by Coding Blocks on hackerblocks platform. Competition consist of questions based on data structures and algorithm.
- **3rd Prize** out of 14 teams in DATA HACK 1.0 organised by Facebook Developer Circle. Built a model to predict the winner in the game of chess given the moves of the players and other related data.
Link of working model : https://github.com/sainirajat/DATA_HACK_1.0
- Awarded by the D.A.V. Management Committee for achieving first rank in class XI.

DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.