# Aditya Sadana

Electronics and Communication
Engineering
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## EDUCATION

| Education | University/Board | Institute | Year | GPA/% |
|---|---|---|---|---|
| Graduation | IIIT Pune | Indian Institute of Information Technology, Pune | 2022 | 7.47 |
| Intermediate+2 | CBSE | Vindhyachal Academy | 2018 | 87.2 |
| Matriculation | CBSE | Vindhyachal Academy | 2016 | 9.20 |

## ACADEMIC PROJECTS

(1) Social Media App        July 2020 – Oct 2020

MERN Stack

About this Project:

- ➢ A Web app designed to share trustworthy resources and news with the people globally.
- ➢ Developed using latest Web Application Technology popularly known as MERN Stack which includes MongoDB (Realtime Database), ExpressJs (Backend), ReactJs (Front-End) and NodeJs (Runtime Environment).

Mentor: Dr. Rahul Dixit

    (Assistant Professor at IIIT Pune)

(2) Recommender Systems using Collaborative Filtering:        Feb 2020 – April 2020

Machine Learning

About this Project:

- ➢ Recommender systems are algorithms aimed at suggesting relevant items to users.
- ➢ Collaborative methods for recommender systems are methods that are based solely on the past interactions recorded between users and items in order to produce new recommendations.

Mentors:    Dr. Sanjeev Mishra

      (Assistant Professor at IIIT Pune)

       Dr. Tanmoy Hazra

      (Assistant Professor at IIIT Pune)

(3) Chatbot using Machine Learning (Python):        Sept 2019 – Nov 2019

Machine Learning

About this Project:

- ➢ A chatbot is an artificial intelligence (AI) software that can simulate a conversation (or a chat) with a user in natural language through messaging applications.
- ➢ Some chatterbots use sophisticated Natural Language Processing systems, but many simpler systems scan for keywords within the input, then pull a reply with the most matching keywords, or the most similar wording pattern, from a database.

Mentor: Dr. Sandeep Singh

      (Former Assistant Professor of IIIT Pune,

       Currently Assistant Professor at NIT Hamirpur)

**To view my Personal Projects, visit my Website (https://sadanaditya.web.app) or navigate directly to my GitHub account (https://github.com/Adityasadana)**

## PROFESSIONAL SKILLS

- **Programming:** Python3, C / C++, Java, JavaScript

- **Development:** MongoDB, ExpressJs, Node.js, ReactJs (MERN Stack), Angular6 (MEAN Stack), Ionic5, HTML5, CSS3, Bootstrap4

- **Others:** MySQL, Git, jQuery