

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	7.14
Intermediate+2	CBSE	Vindhyachal Academy	2018	87.2
Matriculation	CBSE	Vindhyachal Academy	2016	9.20

ACADEMIC PROJECTS

- 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.Mentor: (1) Dr. Sanjeev Mishra
(Assistant Professor at IIIT Pune)
(2) Dr. Tanmoy Hazra
(Assistant Professor at IIIT Pune)
- Chatbot using Natural Language Toolkit (Python):** Sept 2019 – Nov 2019
Natural Language Processing
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)
- Obstacle Avoiding Robot:** Jan 2019 – April 2019
Arduino
About this Project:
 - A Moving Robot made with help of Arduino Coding which changes its direction of motion on seeing an obstacle in front of it.

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

C, C++, Python, MySQL, Angular6, JavaScript, HTML5, CSS3, Bootstrap4, NodeJs, MongoDB, Data Structures and Algorithms, Database Management System, Cryptography and Network security

EXTRA COURSES UNDERTAKEN

- Neural Networks and Deep Learning
- Image Processing and Computer Vision
- Full Stack Web Application Development