

Brij Sojitra

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Education

INSTITUTE OF TECHNOLOGY, NIRMA UNIVERSITY

BTECH IN COMPUTER SCIENCE &
ENGINEERING

2020 - 2024

Ahemdabad, Gujarat

CGPA : 7.22

MAUNI INTERNATIONAL SCHOOL

HIGHER SECONDARY SCHOOLING

2018 - 2020

Surat, Gujarat

JEE Percentile : 97.76

Links

GitHub **BrijSojitra78782**

in LinkedIn **Brij Sojitra**

Coursework

Data Structures & Algorithm
Database Management System
Object Oriented Programming
Linear Algebra
Operating System
Computer Networks
Machine Learning
Web Development(full stack)

Skills

PROGRAMMING

Python • C++ • C • Java • HTML/CSS •
JavaScript • SQL • MongoDB • JQuery
• NodeJS • PHP • Django

MISCELLANEOUS

Matlab • Tableau • TwinCat • Git

Experience

RESEARCH INTERN

ST LABS

Aug 2022 – Feb 2023

- Worked on the cyber security vulnerabilities in IOT on 6 sectors that are Smart Home, Autonomous Vehicle, Electric Vehicle, Health Care, IIOT, Telecom Sector.

Achievements

INFINEON HACKATHON CONTEST

RUNNERS UP

24 Feb 2023 – 25 Feb 2023

- We worked on the track name 'Smart Navigator'.
- In this hackathon we work with the python library Tkinter.
- In the problem statement we need to make a customized chess game where we need to save white king from the black pieces.
- After the presentation of work, our team was declared the Runners Up of our track.

HACKERRANK

5 STAR

- On the hackerrank platform solved more then 150 problems and scored 5 stars in the competitive programming section.

CODEFORCES

- On the Codeforces platform solved more than 300 problems.

Projects

FACE RECOGNITION SYSTEM

Aug 2022 – Dec 2022

- This was a machine learning project.
- In this project we use multiple models like KNN, random forest, SVM, grid search and then ensemble those models together and train the model.
- Technology used :- Python

CV BUILDER WEBSITE

March 2022 – May 2022

- From the provided information by user resume can be built automatically.
- In this project we use Django for backend and for frontend HTML, CSS and JavaScript. Here the login information will be saved in backend database.
- In this website a user can make his/her account and login the account and then user can give his/her information in website which will be used to create resume.
- Technology used : Django, HTML, CSS, JavaScript

COVID VACCINATION MANAGEMENT SYSTEM

Sep 2021 – Dec 2021

- Here we replicate working system of the COWIN platform without GUI.
- In this project first of all user need to create account and then if you had not taken first dose of vaccine then it will suggest you to take first dose and if it is already taken then it will suggest you to take second dose of vaccine. This project is written in java.
- Technology used : java, OOPS