

Sahil Vartak



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Summary

Undergraduate Student in the field of Computer Engineering with impeccable leadership skills along with constant high grades and always keen on increasing the knowledge database. Always working towards the goal of gaining new experiences and expanding the boundaries of the comfort zone.

Skills

- Tensorflow, Keras
- Python
- Linear Algebra
- Calculus
- HTML, CSS
- Javascript
- MySQL
- Backend frameworks (Django, Flask)
- Java
- C

Education

Rajiv Gandhi Institute of Technology, Mumbai University

August, 2017 - May, 2021

B.E in Computer Engineering: 9.59/10

Pace Junior Science College

July, 2015 - February, 2017

HSC, 84%

Our Lady of Nazareth High School

June, 2004- March, 2015

SSC, 93%

Certification

Deep Learning Specialization

DeepLearning.ai, Coursera



Jan, 2020 - June, 2020

Interests

- Neural Networks
- Natural Language Processing
- Computer Vision
- Analysis of Algorithms
- Data Structures
- Data Mining
- Database Operations

Internship

Project Intern HDFC ERGO

June, 2019 - July, 2019

My main task as a project intern was to read the company's quotation sheets and segregate the essential information inside it as required.

Languages Spoken

- English
- Marathi
- Hindi

Top Projects

Facial Image Reconstruction and Image Denoising

July, 2020 - Present

This is my final year project, which is based on Convolution Neural Networks and Generative Adversarial Networks. The project's main aim is to reconstruct a facial image given a partial facial image.

Sentiment Analysis on Twitter data using Recurrent Neural Networks

May, 2020 - July, 2020

The project makes use of Recurrent neural networks along with a pre-trained embedding layer which is trained using the GloVe algorithm. The model predicts the nature of a tweet whether it is a positive or a negative tweet.

Password Generator

Feb, 2020 - April, 2020

It is a web app that enables the user to generate a new strong password, store their passwords in an encrypted format on the database. The app is also equipped to send emails to the user if a certain password needs to be changed or is changed. The technologies used for the same are Flask, MySQL, encryption algorithms, HTML, CSS, Javascript and JQuery.

Position of Responsibility

- **Joint Sports Secretary for Student Council, RGIT**
Nov, 2019 - April, 2020
- **Joint General Secretary, CESS, RGIT**
June, 2019 - April, 2020
- **Assistant Technical Leader for ICARUS (Computer department)**
Feb, 2019 - April 2019
- **Head Boy at Our Lady of Nazareth High School**
July, 2013 - May, 2014