



Parth Nihar Nagarkar

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Multi-talented and passionate Computer Science Student consistently rewarded for success in planning and operational improvements. Experience in software development procedures positively impacting overall morale and productivity.

EDUCATION

Bachelor of Engineering

Thadomal Shahani Engineering College

08/2018 – 06/2021

8.75/10

Courses
- Computer Engineering

Diploma

Thakur Polytechnic

08/2015 – 05/2018

88.31%

Courses
- Computer Engineering

Secondary School Certificate

Yashodham High School

06/2005 – 04/2015

91.20%

SKILLS

Python

C

MATLAB

HTML

CSS

jQuery

SQL

CERTIFICATES

Coursera: Programming for Everybody (Getting started with Python) (06/2018 – Present)

Coursera: Using Python to Access Web Data (07/2018 – Present)

Coursera: Python Data Structures (07/2018 – Present)

Coursera: Using databases with Python (08/2018 – Present)

Udemy: The Complete SQL Bootcamp (06/2019 – Present)

Coursera: Machine Learning (09/2019 – Present)

PROJECTS

Sclera Recognition

- A new method for bio metric authentication system was developed in which the users were authenticated on the basis of their Sclera.

Sentiment Analysis to gauge the sentiments of tweets posted on Twitter

- The Naive Bayes classifier was used to predict the sentiments of tweets pulled from Twitter.

Instagram Bot for increasing Instagram followers

- A Python script was written to automate the task of visiting specific hashtags on Instagram to like, comment and follow the posts of the users.

Machine Learning for Disaster

- A Random Forest classifier was trained to predict the chances of survival of a traveler on the infamous titanic ship.

Malicious URL Detection

- The URL is analyzed for the presence of multiple features that indicate whether the URL is safe or malicious. Decision Tree classifier is used for making predictions.

Image Classifier

- Used a Convolutional Neural Network to classify the animal in the image as a dog or a cat.

Twitter User Mining

- Mined data from Twitter to classify the users based on their locations, engagement and preferences to target them through marketing campaigns.

Web Security using Machine Learning

- Built a web crawler that crawls any website to identify potentially malicious links.

Enhanced CCTV monitoring using Deep Learning

- Used the YOLOv3 object detection API to detect certain pre-trained objects as well custom trained objects in a live CCTV feed to further develop a system that notifies the admin if any threatening objects are detected in the live feed.

WORK EXPERIENCE

Data Science Intern

Hiranandani Group of Companies

12/2019 – 01/2020

Machine Learning Intern

TryCatch

08/2019 – Present

Project Trainee

Larsen & Toubro

05/2017 – 06/2017

PUBLICATIONS

Publication Type

Security System based on Sclera Recognition

Author(s)

Parth Nagarkar, Siddhartha Dambe, Shreemauli Raut, Lomesh Munekar.

02/2018

International Research Journal of Engineering and Technology

LANGUAGES

English

Full Professional Proficiency

Marathi

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

EXTRA-CURRICULAR

Runner up in an Inter-college coding competition at Shah and Anchor College.

Second Runner up in a State level project competition conducted at Thakur Polytechnic

Participated in a National level technical paper presentation at Universal College of Engineering.

Selected and participated in the finals of Smart India Hackathon 2018.

Selected and participated in the finals of Eureka Hackathon 2018.

Participated in a National level technical paper presentation at Vartak College of Engineering.

Participated in an Ethical Hacking workshop conducted by Geeks Lab.

Participated in a State level Technical quiz competition at Thakur Polytechnic.

Participated in an inter-college quiz competition at Shah and Anchor College.

Participated in an inter-college hackathon at Thadomal Shahani Engineering College.

Attended E-Summit, 2018 conducted at IIT Bombay.

Attended E-Summit, 2019 conducted at IIT Bombay.

Attended E-Summit, 2020 conducted at IIT Bombay.

INTERESTS

Football

Reading