

SPARSH NAGPAL

3rd YEAR COMPUTER SCIENCE UNDERGRADUATE STUDENT

Mumbai, India

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EDUCATION

Thadomal Shahani Engineering College (University of Mumbai)
Mumbai — *Bachelor's of Engineering in Computer Science*

August 2018 - June 2022 (Expected)

CGPA - 8.82/10 (based on 5 semesters results)

Pace Junior College, Mumbai — High School

April 2016 - March 2018

12th Boards - 83.7%

Pawar Public School, Mumbai — School

April 2014 - March 2016

10th Boards - 96.6%

EXPERIENCE

Friends For Inclusion, remote — NLP Programming Intern

March 2021 - Present

Implementing NLP to improve the overall efficiency of the Machine translation model of sign language translation application by fine-tuning the grammar structure and processing speed.

The Sparks Foundation, remote — Computer Vision and IoT Intern

April 2021 - Present

The role involved working on a plethora of Computer vision tasks and building functioning models based on those given tasks.

Pianalytix, remote — Machine Learning Research Intern

November 2020 - December 2020

The internship involves researching about 4 machine learning topics and writing a detailed article about them which were published later.

The Sparks Foundation, remote — Data Science Intern

October 2020 - November 2020

6 Data Science tasks based internship ranging from beginners to intermediate level.

Argyle HR Solutions Pvt Ltd, Mumbai — Business Development Intern

June 2019 - July 2019

A month-long internship including tasks like website management, data handling and client interaction.

SKILLS

- Python, Selenium(WebDriver automation), Flask Connectivity
- Machine Learning, Deep Learning(NN, CNN, RNN, R-CNN), Tensorflow, OpenCV
- Natural Language Processing
- HTML, CSS, Bootstrap, Javascript, JQuery, ECMAScript,,Ajax, XML
- PHP, SQL (ORACLE, MYSQL, MARIA)
- Java, C, C++

PROJECTS

- Music Genre Classification And Comparing various algorithms - CNN, Machine Learning Models
- Indian Sign Language Translator (Contributed)- NLP, Python
- Online KYC Verification System - CNN, ML, Flask, HTML CSS JS
- E-commerce Aggregator - Selenium Automation Python
- Movie Recommendation System (Content-based filtering) -Python
- Written Published Articles on - Decision Tree, OpenCV, Text Summarization, Autocorrect using NLP
- Automated Episode Player - Selenium Automation Python
- User-NGO platform (Ongoing) 'The WireUs' - Html CSS JS Django
- Twitter Sentiment Analysis - NLP Python
- A Movie Booking System - Java
- Cats VS Dogs - CNN Tensorflow Python
- Personalized Streaming List maintainer with User Authentication - HTML CSS JS PHP MySQL

CERTIFICATIONS

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning Coursera
- Natural Language Processing Coursera
- Convolutional Neural Networks in Python Udemy
- Automate the Boring Stuff with Python Programming Udemy
- Image Classification with CNNs using Keras Coursera
- HTML, CSS, and Javascript for Web Developers Coursera
- Using Python to Access Web Data Coursera
- Javascript SoloLearn
- PHP SoloLearn
- MATLAB Mathworks training course

LANGUAGES

ENGLISH, HINDI

CLUBS

TSEC CodeCell (Technical), Mumbai — *Jr.Committee Member*

October 2019 - March 2020

Work included conduction of a hackathon, working on technical questions for an event and marketing which included finding potential sponsors.

Rotaract Club Of Bombay Powai (Community Service), Mumbai — Community Service Director and Sergeant at Arms

August 2019 - Present

It is a community-based club that involves various large scale projects from community service events to other recreational events.