Shreyas Sharma

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[Shreyassharma9912@gmail.com](mailto:Shreyassharma9912@gmail.com)

Education

10th - 9.2 CGPA -2016

12th – 94% - 2018

2018 – Current

BE, Major – Electrical and Electronics

RVCE, CGPA – 8.49

2020 – Current

B Sc., Major – Data Science

Minor – Programming

IIT Madras, CGPA 9.5

Links

LinkedIn: shreyas-sharma-685405172

GitHub: **Shreyas281299**

LeetCode: **Shreyas\_28**

CSSBattle: **shreyas\_281299**

HackerRank: **shreyassharma991**

Skills

**Programming Language**

C/C++, Python, JAVA, MATLAB, CSS, MySQL

**Frameworks**

Django, ODBC, Pygame, Tkinter, TensorFLow, Numpy, Pandas, Scikit-Learn

**Software & Tools**

GIT, VIM, Visual Studios, Sublime Text, Jupyter Notebook

Coursework

Data Structures and Algorithms

Operating System

Database Management System

Machine Learning, Deep Learning

Data Science

Graph Theory

Design and analysis of Digital Circuit

Microprocessor and Microcontrollers

Experience

**Verzeo | Summer Intern** June’20-July’20

* Worked together with a team of 12 interns on a real life dataset to create a model that predicts the price of various cars based on its features.

**Microelectronics, RVCE |Research Intern** Aug’20-Sep’20

* Project Topic : BLIND SOURCE SEPARATION IN GAS SENSORS.
* Applied the knowledge of deep learning and understand the underlying correlations of various gasses.

Projects

**Contextual Emotion Detection | Developer** May’21-Current

* Developed model for contextual emotion detection in text
* Done under SAMSUNG PRISM

**Brain Tumor Detector | Developer** Oct’20-Feb’21

* Developed CNN model to detect f brain tumor in MRI images.
* Random Forest and SVM were also developed to compare the results
* Jupyter Notebook – TensorFlow – Pandas – Numpy – Scikit Learn

**Flappy Bird Replica | Game Developer** Jan’21-Jan’21

* Developed a replica of the famous game “Flappy Bird”
* It is an infinitely generating game.
* Pygame – Python

**Blind Source Separation| Developer** Aug’20-Sep’20

* Applying the concept of Independent Component Analysis to gas sensors to predict the amount of various ketones in LPG

**Doubly Fed Induction Generator | MATLAB developer** Aug’20 -Sep’20

* Simulink model of Doubly Fed Induction Generator
* MATLAB – Simulink

Achievements/Awards

**Contest Ranking**

* CSSBattle: 2114/90944 (Globally)
* HackerRank: 5 Start Python, 5 Start Problem Solving
* Zeitgeist-CodeChef Hours-IIT ROPAR: 38 / 200 (Competitive coding)

Leadership

**Director Club Service, Rotaract Club of RVCE**

* Responsible for the harmony of the club of 1200 members
* Organized many events for the betterment of the community

**Chairperson PES, IEEE RVCE**

* Led a team of 52 members and organized events related to power and energy

**Student Placement Coordinator**

* Responsible for the placement of 100 classmates.
* I was the point of contact between the company, placement department and the department