Siddharth Sharma

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EDUCATION

BE. Electronics and Computer Engineering
Thapar University/Patiala

2018 - 2022   *CGPA: 8.9*

Class XII - Science (CBSE)
Sri Guru Harikrishan Public
School/Pathankot

2016 - 2018   *Percentage: 92*

Class X (CBSE)
St. Joseph's Convent School/Pathankot

2016   *CGPA: 10*

WORK EXPERIENCE

SDE Intern
Xebia ☑

02/2021 - Present
Achievements/Tasks

- Currently Working as a Student Intern at Xebia **SmartFarm Project.**
- Developed a Full Stack Farm Automation System, integrated with **IOT** technology.
- Technologies used: **Flask**, **Machine Learning**, **Classification Systems (Random Forests)** , **IOT**.

Backend Developer Intern
Skilzen Edutech ☑

11/2020 - 02/2021
Achievements/Tasks

- Worked on integrating the Frontend of the Skilzen College Course application with the backend database using the **Django Rest Framework (DRF).**

Virtual Experience
JP Morgan Chase & Co. ☑

05/2020 - 06/2020
Achievements/Tasks

- Completed practical task modules in Establishing Financial Data Feeds. Frontend Web Development with **React js**. Data Visualization with **Perspective.**

Internship Trainee
Verzeo.in ☑

03/2020 - 04/2020
Achievements/Tasks

- Worked as an Internship Trainee at Verzeo Edutech in the field of Machine Learning and AI. Developed a review classifier with an accuracy of **98.88** percent using **Natural Language Processing (NLP) Word2Vec.**

SKILLS

Languages : Java, C++, Python

Frameworks: Flask, React js, Node js

CS Concepts: Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Web Development

Databases: MongoDB, MySQL, SQLite

ML Libraries: Numpy, Pandas, Matplotlib, Tensorflow, Pyspark, Pickle, Pytorch

Tools: Github, Heroku, Tableau, Postman, Jupyter

PROJECTS

Flappy Bird AI (2020) ☑
- Automated the classic game of Flappy Bird using the **NEAT ML** module in Python.
- Usage of **Evolutionary Feed Forward Neural Networks** using the process of Natural Selection to automate the process of dodging the obstacles.
- Simulation achieved through **PyGame** .

Your Chat (2020) ☑
- Implemented a real-time group chat application based on **Node js** and **socket io.**
- Currently supports live messaging among a group of **250** individuals.

Code Wizard Blog (2020) ☑
- Developed a Blog site for coders with an option to create, edit, and delete blog posts through an Admin Dashboard.
- Front-end development using **Bootstrap**, **Html**, **CSS**, **Javascript**.
- Backend using **Flask** and **SqlAlchemy.**

Instaclone (2021) ☑
- Instaclone is an Instagram-like web app with many of Instagram's functionalities like **creating posts**, **adding following and followers** as done on Instagram. Users can **sign up** and use the functionalities.
- The app is developed using the **MERN** Stack, i.e. **MongoDB**, **Express JavaScript**, **React js**, and **Node js** frameworks.

ACHIEVEMENTS

Secured 23 rank in American Express (Amex) CodeStreet 2020 All India Hackathon.

89 rank as of now at Geeks for Geeks university ranking.

Solved 600+ coding problems across various platforms including Leetcode, Geeks for Geeks, Hackerank, etc.

Campus Ambassador at Cisco Thinqbator.

Technical head and Content Writer at ENACTUS.org.

Core member at Thapar Amateur Astronomers Society.

Core member at Microsoft Student Chapter Thapar.