

# Siddharth Sharma

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## EDUCATION

### BE. Electronics and Computer Engineering Thapar University

2018 - 2022

CGPA: 8.9

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

2016 - 2018

Percentage: 92

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

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)**.

### 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 (OS), Computer Networks (Networking), DBMS Machine Learning, Web Development

Databases: MongoDB, MySQL, SQLite

Tools: Github, Heroku, Jupyter, Tableau

## PROJECTS

### CommunityGram (2021) [🔗](#)

- CommunityGram 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.

### Your Chat (2020) [🔗](#)

- A real-time group chat application based on **Node js** and **socket io**.
- Currently supports live messaging among a group of **250** individuals.

### Coding Thunder 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**.

### Artificially Intelligent Flappy Bird (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**.

## ACHIEVEMENTS

Secured 23 rank in American Express (Amex) CodeStreet 2020 All India Hackathon. [🔗](#)

Secured 3 rank at HackOwasp 2020 [🔗](#)

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. [🔗](#)

Core member at Microsoft Student Chapter Thapar. [🔗](#)

Campus Ambassador at Cisco Thinkbator. [🔗](#)

Technical head and Content Writer at ENACTUS.org. [🔗](#)

Core member at Thapar Amateur Astronomers Society. [🔗](#)