

VISHESH SHARMA

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EDUCATION

Santa Clara University

Masters in Computer Science and Engineering

Fall '18 – Fall '20 (Expected)

Thadomal Shahani Engineering College

B.E. in Information Technology

July '14 – July '18

TECHNICAL SKILLS

- **Languages:** C, C++, Java, Python, Octave/ Matlab, HTML, Javascript, CSS, PHP, SQL.
- **Databases:** MySQL, Oracle Database.

CERTIFICATIONS

- **Machine Learning Course (Stanford University)** : Completed an ML course by Andrew Ng on Coursera.
- **Codechef Certified Data Structures and Algorithms Programme Foundation Exam:** Passed the CCDSAP exam conducted on November 19th, 2017.


INTERNSHIP

CDRI (Central Drug Research Institute)

Data Scientist, Dec 2017 - May 2018

Performed collection, cleaning and applying visualization techniques on the data collected on the art galleries from all across the world.

PROJECTS

Python Project on EEG Dataset: 

Independent Project, BE

Performed analysis on the dataset from UCI Archive.


Python

Linear Regression with Gradient Descent:

Independent Project, BE

Prediction of profit with respect to the population in an area.

Octave

Developed a Data Science Project using Python: 

Internship Project, BE

This project was based on a yearly National Achievement Survey where the data was of Class VII students from 2014.

Python, Numpy, Pandas, Matplotlib

Coding library in GitHub: 

Coding Repository, BE

Created a personalized coding library of standard codes in GitHub for my reference link.

Java, Cpp

Heat Map Visualization using SimpleHTTPServer:

Internship Project, BE

Programmed using HTML, CSS, and Javascript with the help of **D3.js** library.

HTML, CSS, Javascript, D3.js

E-Commerce Website:

Course Project, BE

Designed an e-commerce website as a part of the college project.

HTML, CSS, Javascript, SQL, PHP

ACHIEVEMENTS

- **Came 2nd at Codeathon (TSC22017):** Came 2nd in a college competition held on September 30th, 2017 on CodeChef
- **Teaching Assistant for the committee 'TSEC CodeCell':** Conducted coding workshops and competitions for the junior students.
- Won 2 **Gold**, 3 **Silver** and 10 **Bronze** medals and achieved 95th percentile in Algorithms domain on **HackerRank** with id name as **visheshsharma51**.