# VISHESH SHARMA

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## EDUCATION

Santa Clara University
*Masters in Computer Science and Engineering*                    *Fall '18 – Fall '20 (Expected)*
Thadomal Shahani Enginnering 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 and encourage a coding environment in the college.
- Won 2 **Gold** , 3 **Silver** and 10 **Bronze** medals and achieved 95th percentile in Algorithms domain on **HackerRank** with id name as **visheshsharma51**.

## EXTRA CURRICULAR

- **NSS Volunteer**: My task was to help the organization and participate in social activities such as blood donation drive, marathon etc.