

Chaitya Shah

K. J. Somaiya College Of Engineering , Vidyavihar
chaitya.shah@somaiya.edu
+91-9029168990

Github: [Chaitya62](#)
Codechef: [chaitya 62](#)
Blog: <http://chaitya62.github.io>

EXPERIENCE

L. V. Prasad Eye institute, Hyderabad — Summer Intern

June 2018 - August 2018

Worked on Image processing, Machine learning and data analysis to extract quantitative data from images in real-time with on-board processing (Odroid xu4) using C++ in the backend and wrapping it in Python for the application..

KJSCE CodeCell, Mumbai — Committee Head

April 2017 - May 2018

Managed a team of 14 students and organized several workshops, contests and a hackathon.

KJSCE , Mumbai — Research Assistant

October 2017 - November 2017

Created a MPI based cluster for Parallel Computing Course. Also installed CUDA, Theano, Tensorflow, numpy scipy etc for ML/DL use.

KJSCE Organizing Committee, Mumbai — Developer

May 2016 - October 2017

Developed all the website for the 3 annual festivals.

Pavoh, Mumbai — Web Intern

September 2015 - November 2015

Developer various web pages for the startups website.

EDUCATION

K. J. Somaiya College Of Engineering, VidyaVihar — B. Tech

August 2015 - PRESENT

CGPA - 7.79

Senior in Information Technology department .

SKILLS

Programming Languages:

C (Moderate), C++ (Moderate)
and Java (Beginner)

Scripting Languages:::

Python (Advanced),
PHP (Moderate) and
Javascript (Advanced)

Front-end Languages:

HTML5 (Advanced) and
CSS3 (Advanced)

Interests:

Machine Learning and
Algorithms.

Libraries:

Tensorflow, numpy, scipy.

Frameworks:

React, Django, Codeigniter,

Useful Tools:

Github, command line
operations, NPM.

PROJECTS

Notepadpw-cli — *A command line tool for notepad.pw*

A simple command line magician for notepad.pw

Language used Python

Tools: pip (to deploy)

Awards:

1st Runner-up in Engineering the Eye organized by Srujana Innovation Center, LVPEI.

1st Runner-up in CodeAdventure organized by Riidl.

TripSharr — *An Android app to share trips*

This was an app as a part of Code Adventure by Riidl.

Language Java (Android), PHP(Codeigniter)

Tools: Git\Github, Postman, Android Studio.

Activities

1. Lectures on various

technologies and

algorithmic

techniques.

2. Organized KJSCE Hackathon 2016 and 2017.

ProCookbook — *A library for all famous Algorithms*

The aim of this project is to implement all the algorithms and also make it freely available to all.

Language used C++ and python(for generating test cases) . Work in progress.

ReactTodo — *A Simple todo App*

A todo app with Oauth login (github).

Language used : Javascript, Sass, html

Frameworks: React-redux, expect,karma, Mocha (testing)

Tools: Git/Github, Semaphore CI, Heroku

More projects at — [Github](#)