

Saurabh Madhukar Zade

Walchand College of Engineering Sangli

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EXPERIENCE

Summer Intern at

Siemens PLM Software

May 2019 – July 2019 Pune, Maharashtra

- Developed a Website for MFE department
- Technology stack used for front-end development Angular JS, HTML 5, CSS 3, Bootstrap
- The website is to facilitate the employees and freshers
- It fetches data from the excel sheets and is developed so, to make it easier to administrate for a non-technical person

PROJECTS

TRAFFIC SIGNS CLASSIFICATION

January 2020 – Present

- The project is developed using Keras and Deep Learning
- A Convolutional Neural Network Model classifies the traffic signs into the classes
- These classes define the type of the traffic signs

PERFORMANCE ANALYSIS OF PARALLEL IMAGE PROCESSING OPERATIONS

August 2019 – November 2019

- A C language project using OpenMp API to parallelize the implementation
- To reduce the time required to process the images and perform basic operations like Image Blurring, Edge Detection, Contrast Stretching, Negation on each cores simultaneously
- Input is data set of Images. The images are passed over all the cores to execute the operations in parallel

NODE.JS WEB APPLICATION TO MANAGE EXPENSES

December 2019 – December 2019

- A web application which maintains the daily expenses of an individual
- Technologies used: Front end HTML, CSS, Bootstrap backend : Node.js, Express, MongoDB

LIBRARY MANAGEMENT SYSTEM

March 2018 – April 2018

- Library Management System providing the facilities of a general library system. Developed using C language.

ACHIEVEMENTS

- Author: Performance Analysis of Parallel Image Processing Operations. 9th International Conference on Communication and Signal Processing sponsored by IEEE
- SIH 2020 Internal Hackathon Winner
- Finalist Code Junkie - A coding competition organized at MindSpark 2018 at COEP
- Siemens Scholar - Siemens Scholarship holder

POSITION OF RESPONSIBILITY

- Program Director at ACSES – April'19 to Mar'20
- Assistant Program Director at ACSES – July'18 to Mar'19

EDUCATION

B.Tech Computer Science and Engineering

Walchand College of Engineering Sangli

July 2017 – Present Average CPI:8.25

First Year CPI : 7.5 2017-18

Second Year CPI : 8.95 2018-19

Class 12th

Peoples Junior College Yavatmal

2017 88.77%

MHT CET - 147/200

JEE Main - 95/360 (Qualified)

Class 10th

Shree Shivaji High School

2015 93.40%

TECHNICAL SKILLS

- Programming Languages: C, C++, Core Java
- Open Mp
- Data Structures and Algorithms
- Object- Oriented Programming
- Software Engineering
- Operating Systems
- Database Management Systems
- Web Development: HTML, CSS, Node JS (Novice)

EXTRA-CIRRICULAR

- Organized TECHUMEN'19. The Mega event of ACSES having a participation of around 1300 students
- Managed and hosted Alumni Meet 2020 for CSE department
- Organized and delivered sessions in C Programming workshop 2019
- Volunteering - Social IT Awareness Campaign (2018 - present)
- Attended Basic and Advanced Mechatronics training by Siemens.
- Attended Soft Skills Workshops by Growth Center

STRENGTHS

- Patience
- Leadership
- Eager Beaver

INTERESTS

- Travelling
- Writing
- Music