A.V.Ravi kiran

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Github: https://github.com/avravikiran-sopho

EDUCATION

IIT Hyderabad,KANDI   2015 - present

Mechanical and Aerospace Engineering   CGPA - 7.7

SKILLS

Computer languages   C++ Python Javascript PHP SQL HTML CSS

Softwares and Tools   SolidWorks Matlab Django

INTERESTS

Full Stack development, Software development, 3D Modelling (CAD)

INTERNSHIPS

Sophomores.in   May 2016 - May 2017

Work from home internship which includes completion of courses like CS50, CS75 and worked on Web based projects using PHP,SQL and web scraping technologies. Reached to level 3 out of 4.

Collegefinder project: https://github.com/avravikiran-sopho/project_1

Ecommerce website project: https://github.com/avravikiran-sopho/sopho-project2

Internship at Virtual Labs, IIT Bombay   May 2017 - July 2017

I am responsible for creating UI of desktop application for Virtual Satellite Image Processing and Analysis using python-kivy for LInux/Windows platforms.

Project link: https://github.com/avravikiran-sopho/sip-lab.git

PROJECTS

Pattern Analysis in Prices of Cryptocurrency   Sept 2018 - Present

Predicting price variations of cryptocurrencies using Machine learning models and NLP by tracking and analysing sentiments of investors in social media (Twitter).

Work Order Automation at IITH Central Workshop   March 2018 - May 2018

Web interface for automation of work orders belonging to the central workshop at IITH.The website features form submissions, admin login, hierarchical system for accepting work orders.Python-Django was used for development.

Website link: https://cws.iith.ac.in/

Modelling of Waviness of weld deposited surface July   2018 - Present

Predict the surface of a weld-deposited sample for a given set of parameters by reading STL file of single weld bead and using curve fitting techniques in MATLAB with support of analytical methods.

Rocker Bogie Rover Prototype   Jan 2018 - Apr 2018

Design and fabrication of rover prototype using Rocker Bogie mechanism.

Project link: Rocker Bogie Rover link

EXPERIENCE

Web Coordinator at ELAN&Nvision2018   May 2017 - May 2018

I am responsible for developing website of cultural and technical fest at IIT Hyderabad 2018.the website features user login/registrations, user verification, event registrations, team registrations for an event.Python-Django, JS were major technologies used.

Project link: https://github.com/avravikiran-sopho/mainwebsite.git

NSS Volunteer at IITH (2015 - present)

Online publicity Volunteer for Nvision 2015 (IITH Techfest)

Certificate from NPTEL for completion of IMAD course.