VIKAS PRATAP SINGH

(+91)7014857644
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LINKS

Linkedin://Vikas-pratap-singh
Hackerrank://vikas_iiitp
Geeksforgeeks://vikas_iiitp
GitHub ://Vikas-Pratap-Singh

COURSEWORK

Design and analysis of algorithms
Data Structures
Database Management Systems
Operating Systems
Object Oriented Programming
Computer Architecture
IoT and Sensor Data Visualization
Human Computer Interface

SKILLS

PROGRAMMING

Experienced

- C/C++
- Python

Intermediate

- Perl
- MySql
- SSIS

Familiar

- Assembly Language
- MATLAB

Web Technology

- HTML5
- CSS3
- Bootstrap
- Javascript

EXTRA CURRICULAR ACTIVITIES

Member of Organising team EKLAVYA (Intra sports fest IIITP)

Member of students cell IIIT Pune

Member of Sports committee at IIIT Pune

Captain of College basketball Team

EDUCATION

Indian Institute Information Technology , Pune

B. Tech. in Electronics and Communication

Engineering Expected May 2021 |CGPA : 8.92/10

Sainik School Tilaiya, Jharkhand

All India Senior School Certification Examination

March 2016 |Percentage: 88 . 00

Sainik School Tilaiya, Jharkhand

All India Secondary School Examination

March 2014 |CGPA : 9.2 / 10

EXPERIENCE

Consultant, o9 Solutions

(July 2021 - Ongoing)

Consultant at o9 solutions, Bengaluru

Intern, o9 Solutions

(Feb 2021 - June 2021)

Intern Consultant at o9 solutions, Bengaluru

Intern, Cadence system Design

(May 2020 - November 2020)

Intern Design Engineering at Cadence system design, Pune

Intern, IIT Kanpur

(May 2019 - June 2019)

Intern at ISL lab, iSmiriti, IIT Kanpur

Guide: Prof. Laxmidhar Behera, IIT Kanpur.

Worked on Multiple AIoT projects, specifically on An Animal Detection System using Raspberry Pi and OpenCv.

PROJECT

Virtual White Board

(December 2020 - March 2021)

A python based virtual white board to ease explanation for people who are not or less acquainted with technology.

Underwater Image Enhancement

(August 2019 - December 2019)

Worked on to develop an effective technique that enhanced the images captured underwater and degraded due to the medium scattering and absorption using MATLAB.