

Jay Bhagiya

Student

Efficient Information and Communication Technology major, currently attending Pandit Deendayal Energy University. Robotics enthusiastic and self-learner person who has good hands on programming. Likes to code and always happy to contribute in open source projects.



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EDUCATION

Information and Communication Technology Pandit Deendayal Energy University

07/2018 - Present

CGPA : 9.43

PERSONAL PROJECTS

IoT Based Wireless Box (06/2020 - 08/2020)

- It is a box that connects any AC powered devices to the internet. It means that you can operate that device from anywhere with help of internet.

Controlling UR5 arm using ROS for sorting packages in e-commerce warehouse (09/2020 - 02/2021)

- A simulation based project, used gazebo for simulation and rviz for motion planning of the arm

Disk Scheduling Algorithms Gui Implementation (06/2020 - 08/2020)

- It is a disk scheduling algorithms from operating systems subject. GUI is build using python and shows visualization of algorithms like FCF, SSTF, SCAN etc..

Chess Playing Robotic Arm (03/2020 - Present)

- Working on hardware side of the robot that can play chess against human using imageprocessing.

PUBLICATION

2nd International Conference on Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE-2021)

Revolution in Smart Grid through Databases using Blockchain and Internet of things(IOT) in India

07/2020 - 02/2021

Submission no. 063, Page no : 66

Mentor

- Nishat Doshi

Gandhinager, Gujarat

SKILLS

Leadership

Problem Solving

Team Worker

Self - Learner

Self - Motivated

ORGANIZATIONS

Cretus - Robotics and Automation club (08/2021 - Present)

Technical Advisor

Cretus - Robotics and Automation club (07/2020 - 08/2021)

Co - President

Computer Society of India (CSI) (08/2020 - Present)

Member

CERTIFICATES

Python For Everybody Specialization (07/2020 - 09/2020)



Machine Learning (03/2021 - 05/2021)

Coursera

Introduction to Internet of Things (04/2020 - 05/2020)



Coursera

LANGUAGES

English
Professional Working Proficiency

Hindi
Full Professional Proficiency

Gujarati
Native or Bilingual Proficiency

PROGRAMMING LANGUAGES & TOOLS

Python

C / C++

Java

Git / Github

Bash

Html / Css

ROS

Open-cv

Raspberry-pi

Arduino

sqlite