ABHINAV JANGIR

Senior Year Undergraduate

@ abhinavjangir1999@gmail.com   in https://www.linkedin.com/in/sqweeks0p
📞 +91-8089503069   ○ https://github.com/SqweeksOp

PROJECTS

Stock-out Prediction in Supply chain management using Deep learning algorithms

📅 August 2020

- The main aim of the project is to predict the stock-out in Supply chain system using **DNN**, **RNN** on the data collected by python based simulation for different inventory policies.

Orthotic Lower Limbs Assist Device For Disable Children

📅 Jan 2019

- Aim of this project is to build a lower limb assist device to assist children's with Cerebral Palsy(CP). PID control system is used for the control of the DC motors coupled with an optical encoder for feedback was used to test the control strategy.
- GAIT pattern is analysed using obtained data from data acquisition techniques like Image Processing, IMU and Optical Rotary Encoders.

Name Entity Recognition on Wikipedia Pages

📅 Dec 2020 – Feb 2021   - Link

- Aim of this project to Perform Named Entity Recognition on input page name from Wikipedia Pages and render output with their annotated class with frequency plot of their class.
- Deployment of web app on Heroku App.

Robowar bot

📅 May 2019 – October 2019

- This bot is designed for robotic combat competition consists a rotating drum for attacking and a inclined slider. Bot is powered with High torque motors and controlled Using Remote controller.

TECHNICAL SKILLS

Languages: Python, SQL

Package and Framework : Tensorflow, OpenCV, Scikit-Learn, NLTK, Pandas, Numpy, Flask

Software/Other Tools : Matlab, Azure ML Studio, Proteus Design Suite, Arduino, Postman, Solidworks, ANSYS

Database: MySQL, MongoDB

POSITION OF RESPONSIBILITY

Crew Member, Robotics Interest Group(RIG-NITC)

📅 April 2018 – Present

- Team Lead Orthotic Lower Limbs Device For Disable Children.
- Conducted Introduction to Robotics Workshop On Ball Following Robot in NOV'19.
- Conducted Introduction to Robotics Workshop On Obstacle Avoidance Robot in OCT'18.

EDUCATION

B.Tech. in Mechanical Engineering
National institute of Technology, Calicut

📅 July'17 - Present

CGPA - 6.13/10

Class XII
MDS SR SEC SCHOOL,NEEMKATHANA, SIKAR, RAJASTHAN

Percentage - 88.40%

Class X
MDS SR SEC SCHOOL,NEEMKATHANA, SIKAR, RAJASTHAN

Percentage - 83.50%

SKILLS

Machine Learning   Deep Learning

Data Analysis   Computer Vision

NLP   Data Structure

API Development   Designing

EXTRA CURRICULARS

- Postman Student Expert
- Mentored Junior members of Robotics Group in the project Gyroscope Controlled Mobile Robot.
- Organised Events and Project showcasing stall during TATHVA Techfest.
- Volunteered in flood relief camps during Kerala Floods

CERTIFICATIONS

- DeepLearning.AI TensorFlow Developer by DeepLearning.AI on Coursera.
- AMCAT Certified Data Processing Specilist.
- Natural Language Processing by Deeplearning.AI on Coursera