

ALLA ESWARA RAO

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GITHUB : GITHUB.COM/IOESHU LINKEDIN : LINKEDIN.COM/in/ESWARARAO

OBJECTIVE

Self-motivated, highly passionate and hardworking student looking for an opportunity to work in a challenging organization to utilize my skills and knowledge to work for the growth of the organization

EDUCATION

B.TECH - ELECTRICAL AND ELECTRONICS ENGINEERING 2018 - 2022

HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

- CGPA – 9.1 / 10
- Member of IET, IEEE

INTERMEDIATE – MPC (Math's, Physics, Chemistry) 2016 - 2018

SRI CHAITANYA JUNIOR COLLEGE

- Percentage – 87.2%

SSC – 10TH SECONDARY SCHOOL 2016

SREE KRISHNA EM HIGH SCHOOL

- GPA – 9.2 / 10

PROJECTS

- Controlling Home Appliances using Heart Beat - IET SMART CITY CHALLENGE 2019 (VENUE - TAJ VIVENTA HOTEL CHENNAI)
It controls Home appliances by sensing and analyzing heartbeat
- Live tracking of kalamsat-v2 satellite - NASA International Space Apps Challenge 2020
- Wind power prediction model using IBM Watson Machine Learning
I trained the wind power prediction model with 50k rows of data the ML model predicts Theoretical Power Curve (KWh) of wind turbine
- Deep Learning Model for Detecting COVID-19 On Chest X-ray
A classification model that can able to distinguish between covid positive x-ray images to healthy person x-ray image.
Presented this project in AICTE Chhatra Vishwakarma Awards 2020 PRE-FINALS

PERSONAL PROJECTS

- TechNuws.com: Technuws is content sharing website build on wordpress, where tech enthusiasts write about technology this website hosting on Amazon web services, using cloudflare content delivery network and DDoS mitigation services, SMTP configuration in Zoho
- DeepFake detector spots Misinformation created by AI: I took the dataset from DeepFake detection” challenge dataset of Kaggle. The dataset contains 470 GB of video files of training and testing with a metadata file for each video and I take a part of it and train the model with the help of aws sage maker.

FINAL YEAR PROJECT

Real-Time Object Detection with TensorFlow Model Using Edge Computing Architecture:

This project captures objects using cameras and processes their images using machine learning and computer vision, then sends the processed data to the cloud, that triggers the notification to the user.

SKILLS & ABILITIES

- Presentation skills
- Communication Skills
- Adaptability
- Teamwork
- Creativity

TECHNICAL SKILLS

- Python
- GitHub, git
- Jenkins, docker
- Azure, AWS
- Technical Writing

CERTIFICATIONS

- AZ-204: Developing Solutions for Microsoft Azure
- Python for Everybody specialization from University of Michigan
- Applied Industrial IoT by Larsen & Toubro 6 Months Program
- Cloud Engineering and Baseline: Data, ML, AI badges from Qwiklabs

INTERNSHIP WORK EXPERIENCE

PROGRAMMER ANALYST TRAINEE (Informatica Cognos-Application Maintenance)
Cognizant – Chennai

DEC 2021 *

- Comfortable in Data Modelling and database design
- Data Warehouse Fundamentals
- Informatica, Cognos and AVM Orientation

DATA SCIENCE INTERN
Assetplus Consulting - Noida, Uttar Pradesh

JAN 2021 – NOV
2021

- Responsible for dataset creation, managing, data labelling and data auditing.

EMBEDED SYSTEMS ENGINEER TRAINING INTERN
EdGate Technologies Pvt.Ltd – Bangalore

MAY 2021

- Learned on ARM based Triva C series Microcontrollers
- MIT app development MAY 2021