

Varad Rane

✉ varadrane1707@gmail.com ☎ 7588446270 🌐 <https://www.linkedin.com/in/varad-rane-8b671a209/> 📁 <https://github.com/varadtechx>

EDUCATION

BTech Electronics and Electricals Engineering

National Institute of Technology Goa • Goa • 2024

EXPERIENCE

Deep Learning Engineer (Intern)

Unscript.ai

May 2023 – July 2023, Bengaluru, India

- Trained and fine-tuned Text2Speech models to generate speech for our clients.
- Generated videos using lip-syncing models and processed videos.
- Deployed the model ready for production using Torchserve, Docker, and AWS EC2 Instances.

Deep Learning and Video Analytics

Jio Platforms

December 2022 – February 2023, Mumbai

- Designed and Developed YOLO Deep learning models for object detection.
- Developed image data augmentation scripts using Imgaug Python Library.
- Used Makesense.ai for image annotations and dataset creations.

SUMMARY

Deep Learning Engineer Intern with experience in developing and deploying deep learning models. Proven ability to analyze, annotate and process complex datasets to uncover new patterns and trends. Seeking an opportunity to gain more experience in the field while contributing to the success of Unscript.ai and Jio Platforms

PROJECTS

SchedulEase – Automatic timetable generator for University

Technix- GEC Hackathon • April 2023 – April 2023 (3rd Place)

- Developed a Genetic Algorithm based timetable generator.
- Implemented Django API using Django Rest Framework to enter user data into the dbsqlite3 database.
- Implemented NextJs frontend for user interface

Facial Recognition System

BITS Quark Hackathon • March 2023 – April 2023 (3rd Place)

- Developed facial recognition system using Sklearn, Numpy and Jupyter Notebook.
- Deployed using Flask server and UI using HTML, CSS and javascript.

BOCTOR – An AI assisted Medical Chatbot

GFG India Hackathon • January 2023 – March 2023

- Developed an NLP Intent-based chatbot model
- Deployed using Python Flask server and NextJs Frontend
- Project Link: bactor.vercel.app

INVOLVEMENT

Media Incharge

NIT Goa • TESLA Club – NIT Goa • January 2023 – April 2023

- Contributed as a designer and coordinator for various events at the club.

CERTIFICATIONS

Python for Data Science and Machine Learning Bootcamp

Udemy • 2022

SKILLS

Deep Learning(Object detection , Text2Speech)

Natural Language Processing

Machine Learning

Tools: Conda, Jupyter, Git, Github, AWS, CodeCommit, EC2 Instances, Linux OS, Docker, Sagemaker, Kubernetes, Jenkins, Ansible, Postman, VSCode

Framework/Libraries: Pytorch, Nltk, Tensorflow, SkLearn, YOLOV7, Django, Flask, Boto3, Pydub, OpenCV, Pandas

Languages: C++ , Python