

MIRYALA LAKSHMI

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OBJECTIVE

Highly motivated, diligent student passionate about programming, AI, machine learning and Data Science. Excellent patience and interpersonal skills for independent and team work. Strong leadership and management abilities.

EDUCATION

Kalasalingam Academy of Research and Education
B.Tech/CSE-AIML, 8.87

Expected 2025

Narayana Junior College, Hyderabad
MPC, 970

2019 - 2021

SKILLS

• Python • SQL • Machine Learning • Deep Learning • Linux • Problem Solving

EXPERIENCE

Google Developer Student Clubs, Technical Lead

Jul 2023 - Jun 2024

- Established and cultivated a vibrant developer community through workshops, hackathons, and events.
- Provided valuable mentorship to fellow students, guiding them in their technological journey.

MulticoreWare.Inc, Research Intern

Jul 2023 - Jun 2024

- Worked to build a “Design and Development of a vision based Perception stack for Electric vehicle deployed on the Tda4vm Device”.

ACADEMIC & PERSONAL PROJECTS

Posture Monitoring System using IMU and Raspberry Pi. Leveraged CNN architecture for analyzing IMU sensor data on Raspberry Pi, enabling real-time and precise posture monitoring with enhanced computational capabilities compared to traditional microcontrollers like Arduino. ([Click here](#))

Detecting Defects in Manufacturing Process. I utilized Deep Learning techniques to identify defective products in the manufacturing process. By implementing advanced ImageNet models like VGG16, ResNet50, ResNet101, MobileNet, and InceptionNet, and I developed a reliable system for defect detection. ([Click here](#))

Churn Prediction. I led a project to predict customer churn using different methods like Logistic Regression, Decision Trees, and Random Forest. I also used advanced SVM techniques, showing skill in various prediction models. ([Click here](#))

CERTIFICATIONS

- Machine Learning Specialization by DeepLearning.AI & Stanford University – Coursera
- Udemy certificate on Python Bootcamp – Udemy
- Microsoft Azure 900 (AZ 900) Certification – Microsoft Learn

PUBLICATIONS

- **Churn Prediction: Leveraging Machine Learning Algorithms for Predicting churn in Telecom Industries.**
- **Detecting Defects in Manufacturing Process Using Deep Learning Models.**