Mithun Raam M

Undergraduate student

An energetic, passionate, skilled in identifying problems and providing quick resolutions with good communication skills, and desiring to work for an organization that provides a scope to enhance my knowledge and utilize my skills.

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🌐 mithunraam-portfolio.herokuapp.com/index.html

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EDUCATION

B.E Computer Science and Engineering
College of Engineering, Guindy
8.85 CGPA

HSC
SRV Matriculation Higher Secondary School, Samayapuram
95.91%

SSLC
Sri Akilandeswari Vidyalaya CBSE, Srirangam
9.8 CGPA

PROJECTS

• Social Distancing and Face Mask Detection
- Developed to monitor the people violating Social Distancing over the video footage.
- Implemented using YOLOv3 and DBSCAN clustering for recognizing potential intruders.
- Trained a face mask classifier model (ResNet50) along with DSFD and deployed for identifying unmasked people.

• Full Stack - Ecommerce Website
- An eCommerce website developed using MERN Stack which includes filtering options, cart, payment processing, Google/Facebook login, and email alert for users and admin.
- Front-End : Html, CSS, JavaScript, Bootstrap, React(React-Hooks),
- Back-End : Node.js, Express, MongoDB

• Image Reconstruction using Neural Networks
- Implemented a simple image reconstruction system using CNN which produces high-quality realistic colorization and reconstructs high-quality images from low-quality images.
- To improve the results, Autoencoder (for Colorization) and (GAN) Generative Adversarial Network (for Image Quality Reconstruction) models were used and compared with CNN.

• Third Eye for visually challenged people - Prototype
- A wearable smart system that helps visually challenged persons walk by themselves through the streets.
- Used a set of sensors to track the path and alert the user of obstacles in front of them.

SKILLS

C++ Java Python OOPS ML / DL
JavaScript OpenCV Keras ReactJS
HTML / CSS GIT Nodejs SQL
Bootstrap MongoDB Express

EXTRACURRICULAR ACTIVITIES

Robotics Club of CEG
Member

Guindy Times
Designer

CERTIFICATIONS

• IOT Workshop conducted by Anna University

• Programming for Everybody (Getting Started with Python) - Coursera

• Google IT Support Professional Certificate - Coursera

• Mastering Data Structures & Algorithms using C and C++ - Udemy

LANGUAGES

Tamil
Full Professional Proficiency

English
Professional Working Proficiency

Japanese(Beginner Level)
Elementary Proficiency

INTERESTS

Competitive Programming Travelling
Web Development Machine Learning
Fitness Reading Blogs Photography