Sanjay Shanbhag

sanjayshanbhag1996@gmail.com | (321)316-1453 | Oviedo, Florida

PROFESSIONAL SUMMARY

A result oriented professional with a strong urge to pursue a career in intelligent software development. Demonstrated experience of working in the field of Computer vision, Onboard Vehicle Diagnostics, Deep Learning, Machine learning and Desktop App development. Pursuing a Master's in Computer Science from University of Central Florida to succeed in a globalized and a challenging tech field.

EDUCATION

Master of Science in Computer Science   August 2021 - Present
University of Central Florida | Orlando, FL | 3.92 GPA
Bachelor's in Electronics and Communication Engineering   July 2015 - July 2019
Acharya Institute of Technology | Bangalore, India | 8.01 GPA

TECHNICAL SKILLS

Programming: C, C++, Python, HTML and CSS, PHP
Frameworks and Technologies: Artificial Neural Networks, Computer Vision, Deep learning, Azure Cognito services, Image Processing, Machine learning, Keras, TensorFlow, OpenCV, CNN, Linux, Pytorch, Git (Version Control), Open vino, Scikit-Learn, Pandas, Embedded Systems (Raspberry pi, Arduino, ESP32, IP and Analog cams), ROS (Robot Operating system)

PROFESSIONAL EXPERIENCE

Data Science Engineer   August 2020 – July 2021
AIndraLabs Pvt Ltd | Banglore, India
- Learned new skills and applied them to daily tasks, improving efficiency and productivity and carried out day day-day duties accurately and efficiently
- Communicated with ## clients to provide weekly updates on the progress of relevant projects
- Worked on "REVERSE VENDING MACHINE" for bottled beverages. This project involved training of deep learning model to classify the various bottles, segmentation to remove background clutter and finally reading of barcode on the bottle for verification which included 360^0 unique barcode scanning features.
- Lead the project "WOODLOG FACE RECOGNITION", which utilized the "Soft Attention based model" to effectively classify the wood logs.
- PEOPLE ANALYTICS, which is basically in-store analytics which involves getting insights of the store like consumer count, staff count, group count, age, and gender etc.

Embedded Software Engineer   September 2019 – August 2020
Sigsenz Technologies Pvt Ltd | Bangalore, India
- Prepared detailed reports on updates to project specifications, progress, identified conflicts and team activities
- Managed technological issues for assigned projects, increasing customer satisfaction with on field service.
- Worked on "FACE RECOGNITION APP" for the driver face recognition using Azure Face API, Ultra-light face detector, and face net feature extractor ensuring accurate face recognition.
- Trained a MULTI CLASS OBJECT DETECTOR for the driver Analysis.
- Industrial surveillance using face recognition algorithm with telegram alert system.
- Office surveillance system using multi overhead camera setup which included region and time stamping feature.
- People Counter using mobile net architecture with OpenCV framework.

INTERNSHIP AND PROJECT EXPERIENCE

Old Dominion University Internship program | Acharya Institute of Technology	2018
Driver Drowsiness Detection | Acharya Institute of Technology	2019
Electronic testing and Development Pvt. Ltd | Bangalore, India	2019
Neural Networks and Deep Learning | Coursera	2020
Improving Deep Neural Networks | Coursera	2020
Structuring Machine Learning projects | Coursera	2020
Introduction to Containers w/ Docker, Kubernetes, OpenShift | Coursera	2020
Ebay 2021 University Machine Learning Competition | working with a team of 4 | Due date 01/07/2022	2021
Working on Video Segmentation for autonomous driving | University of Central Florida	2021
Working on Autonomous driving project (RTIS research lab**)**	2021

On-Campus Jobs and Activities

Student Worker, UCF Dining Services | UCF Main Campus   Sept 2021
IEEE member | UCF Main Campus   Oct 2021
UCF@AI member | UCF Main Campus   Aug 2021
Indian Graduate Student Club | UCF Main Campus   Aug 2021