Anushua Banerjee

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OBJECTIVE

An engineer, who is a diligent, trustworthy, smart working individual, passionate to build a rising career graph of learning and experiences, that are needed to master the job and to be a part in contributing to the progress and success story of the esteemed organisation.I attempt to educate, refine, and drive myself to be a better person and also appreciate interacting with new people, exchanging views and gaining new perspectives.

EDUCATION

MS Ramaiah Institute of Technology, Bangalore
Bachelor of Engineering (B.E), Electrical and Electronics Engineering(EEE)
Expected 2021
Mount Carmel PU College, Bangalore
Science:PCMB, [2015-2017]
Sophia High School, *Bangalore*
2003-2014

TECHNICAL SKILLS

Programming Languages: Python, C, MATLAB
Software Tools: MS Office, Arduino, Pspice, Keil uVision, Raspberry Pi
Framework: OpenCV, Tensorflow, YOLO(Darknet), MonkAi
Familiar with: Machine Learning, ALP, Computer Vision, Deep Learning, Flask

INTERNSHIP

Remote Internship at DTaiLabs, Hyderabad   28th April-28th June,2020
Role: Computer Vision Intern
Projects Worked On:
1)**Customer Analytics**:
- Age/gender detection of customers
- Crowd counting using Heat-Map based Algorithm
2)**Mask Detection**:
- Detecting face masks of individuals
3)**Anomaly detection**:
- Detecting of burglaries and assaults in surveillance videos, using I3D model

PROJECTS

1)**SNIPS AI voice recognition platform**
- Goal was to develop a personal lab voice assistant with customized wake word
2)**Character Recognition of Handwritten Kannada Letters**
- Dataset of all the Kannada letters was prepared
- Support vector machine was used and accuracy was around 90 %
3)**Dry and Wet Waste Detection**
- Goal was to create an automated system to detect wet and dry waste
- Worked on with a dataset of 800 manually annotated wet and dry waste images of ResNet-50

CERTIFICATIONS

1)”**Complete Python Bootcamp**” **by Jose Portilla, on Udemy**
2)”**Machine Learning**” **by MATLAB-Mathworks**
3)”**Computer Vision:Object Detection**” **by Coursera**

EXTRA-CURRICULAR ACTIVITIES

1)**Volunteer at National Service Scheme(NSS)**
2)**Hosted and compered college cultural fests and department seminars**
3)**Participated in inter-college dance and music festivals**
4)**Participated in All India Data Hack Summit on Artificial Intelligence and Data Science**

HOBBIES

Trained in classical dance:Bharatnatyam, Playing Guitar