

Suma Latha Thommandru

Data Scientist

Data Scientist having passion for analyzing, dissecting, manipulating data and building statistical models. Looking for a good opportunity to work on challenging projects where I can use my knowledge as well as skills which would enable me as a professional to grow while fulfilling organizational goals.



Work History

2018-06 -
Current

Data Scientist

Infosys Ltd., Bangalore, Karnataka

Currently working as Senior Systems Engineer at Infosys Limited, since Jun 2018.

- **Credit Default Prediction:** Our responsibility is to classify customers of a bank as defaulter or not, based on their behavior to provide the credit card to the customers accordingly. Approach: Initially applied the sampling techniques (SMOTE) to overcome the class imbalance and then used classification algorithms (ANN model) to predict the defaulters.
- **Weight Prediction:** My work involves deployment of Faster RCNN model to detect digital screen in images, followed by identifying digits using CNN model to obtain numerical value present on screen.
- **Components Detection:** Analyzing the presence of various components like transistor, capacitor, RS232 cable etc., in PCB images by comparing pixels using threshold values with the help of Template matching technique, which is a functionality available with open CV library. By this, automated the process of identifying these components in the images using Computer vision.

Programming Language: **Python**

Python packages used: imblearn, statsmodels.api, sklearn, numpy, pandas, keras, pylab , OpenCV, Pillow, TensorFlow, imutils, matplotlib, keras.



Contact

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Skills

Predictive Analytics
Credit Risk Analytics
Computer Vision
Statistics
Deep Learning
Machine Learning



Software

Python



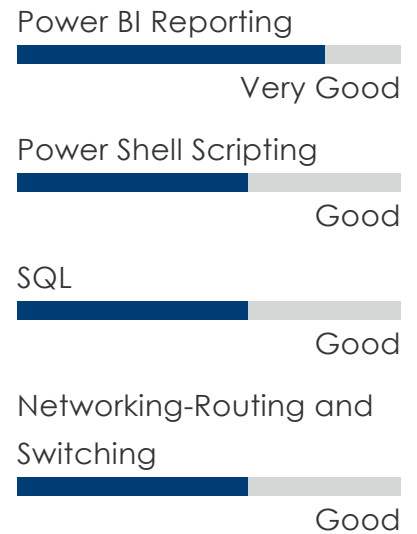
Very Good

C Programming



Good

- **Network Engineer L1:** Worked as Network support Engineer for an Leading Australian ISP. Troubleshooting complex customer network issues and providing corrective support to restore the services. Maintaining internal and also customer coordination during the ticket resolution. Raising RMA with CISCO to get the faulty routers replaced, engaging technicians to resolve the issue that can't be solved remotely.



Education

2014-09 - 2018-04	Bachelor of Technology: Electronics And Communications Engineering <i>NBKR Institite Of Science And Technology - Vidyanagar</i>
2012-07 - 2014-03	HSC: MPC <i>Sri Gayatri Junior College - Nellore</i>
2002-06 - 2012-03	SSC <i>Balabharathi EM & TM High School - Vidyanagar</i>



Certifications

2020-04	Foundational Artificial Intelligence by SkillUp aligned to NASSCOM
2021-01	Microsoft Certified Azure Fundementals



Personal Information

Name : Thommandru Suma Latha
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