

Satheesh Katipomu

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Summary

- o Experienced in designing and implementing computer vision algorithms from training to deployment in production.
- o Have solid theoretical and practical understanding of different steps involved in Object detection(Faster-RCNN,YOLO), Instance segmentation, Image classification.
- o Have good understanding of recurrent networks used for sequential data like RNN,LSTM.
- o Highly motivated to explore different areas of computer vision,quick self-learner and can prototype models quickly.

Skills

Programming Languages Python,Java,C++(Basics)

DL Libraries TensorFlow,Keras,PyTorch,FastAI

ML Libraries OpenCV,Matplotlib,scikit-learn,Pandas,Numpy,Spacy

Work Experience

Timeline July 2018 – Present

Role **Senior Software Engineer**

Organization **DRG Analytics and Insights Pvt Ltd.,Bangalore,India**

- o Implemented object detection for detecting Tables in document images and extracting information in a structured format.
- o Responsible for reducing inference time of detection process and optimizing over all system of document understanding.
- o Used NLP techniques like stemming,sentence tokenization to solve the problem of change detection in the documents.
- o Developed document classification system to easily categorize different types of documents.

Timeline Dec 2014 – July 2018

Role **Software Engineer**

Organization **Huawei Technologies India Pvt Ltd.,Bangalore,India**

- o Implemented Recommendation system to suggest offerings for subscribers using Collaborative Filtering
- o Worked as a Java developer in Converging Billing System.
- o Developed complex new features in CBS which will help customers to get more subscribers and easily maintain the system.
- o Strongly supported delivery teams for successful deployment of the projects.

Course Certificates

Deep Learning Specialization by deeplearning.ai on Coursera.
Taught by: Andrew Ng
Link to Certificate: [ConvNets](#)

Introduction to Self-Driving Cars on Coursera
Taught by: Steven Waslander and Jonathan Kelly
Link to Certificate: [SDC](#)

State Estimation and Localization for Self-Driving Cars
Taught by: Steven Waslander and Jonathan Kelly
Link to Certificate: [State Estimation](#)

Computer Vision Udacity Computer Vision Nanodegree
Link to Certificate: [Computer Vision using Deep Learning](#)
Machine Learning Specialization by University of Washington on Coursera.
Taught by: Carlos Guestrin & Emily Fox
Specialization Link to Certificate: [ML:Regression,Classification](#)
Applied Machine Learning in Python by University of Michigan on Coursera
Link to Certificate: [Applied ML](#)

Education

2010–2014 **Bachelor of Technology in Electronics and Communication Engineering, *RGUIIT-Nuzvid*.**
Percentage: **87%**
2008–2010 **PUC, *RGUIIT-Nuzvid*.**
Percentage: **95%**
2008 **Class X, Board of Secondary Education Andhra Pradesh, *ZP High School-Tirupathi*.**
Percentage: **89%**