

# LAKSHMANAN

*Data Scientist /ML engineer*

## Education

### SRIRAM COLLEGE OF ENGINEERING

August 2014 - May 2018 (72 %)

B.E. in Electronics and Communication Engineering

### Kamak Matric Hr Sec School

July 2012 - May 2014(10th[90%], 12th[79])

Higher Secondary

## ABOUT ME

### PROFILE

*Self learner machine learning geek with high ability to implement new algorithms as well as bringing forth to quantitative and information and interact effectively with colleagues and clients.*

### SKILLS

- Analytical Skills
- Numerical Skills
- Data Protection Knowledge
- Programming
- Data Authoring

### STRONG

- Tensorflow,pytorch,scikit ,keras,
- python,c++,bash
- aws,gcp,git,django,flask

## Relevant Coursework

Speech Processing, Image Processing

Coursera: Neural Networks, Machine Learning

fast.ai

MIT OCW: Algorithms, Artificial Intelligence

 medium

 githubpages

 geekylax

 9677695244,

 sivalakshmanan@gmail.com

 linkedin

## Experience

### DCKAP TECHNOLOGIES

07/2108 - 02/2019(7 months)

Chennai

1. Perform daily system administration tasks to make sure maximum system performances availability,
2. Effectively plan, install, configure and optimize IT infrastructures to achieve high availability and performance
3. Configuring and Monitoring AWS,GCP servers.

### RESEARCH

Quantum computing from quantum assembly language

04/2018 - Present

Chennai

Data Science R&D,

1. Practical Quantum Computing from Quantum assembly language
2. Game Theory with quantum mechanics, Watching IBM Project Debator and working on NLP(Natural Language Processing)

## Personal Projects

### 1. Real time transformer health measuring system using iot

International conference on science research and innovation (ICSRI) 1.0

### 2. Predict employee income

Using kaggle employee dataset predicted employee salary and deployed in herokku app

<http://predict-income-census.herokuapp.com/>

### 3. Mask RCNN

Mask-RCNN(car damage detection)  
Mask-RCNN(parking detector)

### 4. Yolo vs Mask RCNN

Compared performance of different Object Detection algorithms  
Human Pose Estimation with Yolo and Mask RCNN

### 5. Churn Prediction

Customer Churn Prediction

## Blog Post

### ROADMAP TO ML/DL

My first blog post about the ml dl pathway its posted in medium

### CLOUDERIZER IDE

Way to use clouderizer IDE for performing ML DL tasks and its posted in medium