

Joemon V Velassery

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EDUCATION

John Cox Memorial CSI Institute of Technology

2015-2019

B.Tech Computer Science and Engineering (GPA: 7.0/10)

Courses: Databases & SQL, Programming with Python, Data Mining, Statistics and Probability

Highlights: Attended various internship and workshops

St.Mary's School Kerala, India

2015

Plus Two Biology-Maths(State Syllabus) (Grade: 88/100)

St.Shantal School Kerala, India

2013

X (C.B.S.E Syllabus) (Grade: 8.2/10)

WORK EXPERIENCE

Software Engineer Trainee - DNJ Indiego Tech Company

(March - October 2020)

- Collecting Cleaning and Labelling data, create model using **Tensorflow Object Detection API**
- Able to successfully Implemented Frontend Using **PyQt5,Tkinter and Flask**
- Helped company to achieve more clients and increase company reputation

PROJECTS ([View all](#))

Vehicle Scratch and Damage Detection

- Deep Learning methods and **TensorFlow Object Detection API** that can be used to annotate and train custom data to Model
- Developed a framework (PyQt5)

Covid19 Mask Detection ([View](#))

- Worked with dataset containing **Images** across **2 categories** (mask and non-mask)
- Created and trained a **deep convolutional neural network** using the **Tensorflow**
- Obtained an **accuracy of 98%** on test dataset, after experimenting with 10 sets of hyperparameters

Reinforcement Learning ([View](#))

- Using OpenAI-gym to do reinforcement learning

SKILLS & CERTIFICATIONS

Python For Data Science ([View](#)): Statistics & Probability, Machine Learning with Python, Excel, SQL & Tableau, Data Visualization

Deep Learning With Tensorflow ([View](#)): Basics, CNN ,RNN, AutoEncoder, Restricted Boltzmann Machine

Online Courses: Machine Learning using Python By Keltron Center Kerala , [Intro to Deep Learning](#)

Skill: Tensorflow, Numpy, Pandas, Python, Excel, Git, R, Flask, Web Development, SQL