

# VYSHAK PUTHUSSERI



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## EDUCATION

College of Engineering Trivandrum

**Masters in Computer Applications**

Aug 2017 – July 2020    Kerala, IN

- Class topper with CGPA: 8.77/10.0

Mahatma Gandhi College Iritty

**Bachelor in Computer Science**

Aug 2014 – March 2017

Percentage : 84.72

Mattannur HSS

**Higher Secondary Education**

June 2012 – March 2014

Percentage : 95.75

## CERTIFICATIONS

- DeepLearning.AI Deep Learning Specialization from Coursera
- Deep Learning Nanodegree from Udacity
- Machine Learning on NPTEL
- Introduction to parallel Programming in Open MP on NPTEL
- Programming, Data Structures and Algorithms in Python on NPTEL
- PC Hardware and Networking, ASAP Govt.of Kerala

## COURSES

- Capstone: Retrieving, Processing, and Visualizing Data with Python by University of Michigan  
📍 Coursera    📅 2020
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📍 Coursera    📅 2020
- Using Python to Access Web Data by University of Michigan  
📍 Coursera    📅 2020
- Using Databases with Python by University of Michigan  
📍 Coursera    📅 2020
- Python Data Structures by University of Michigan  
📍 Coursera    📅 2020
- Programming for Everybody Getting Started with Python by University of Michigan  
📍 Coursera    📅 2020
- Intro to Deep Learning with PyTorch  
📍 Udacity    📅 2019
- Version Control with Git  
📍 Udacity    📅 2018

## TECHNICAL SKILLS

C    C++    Java    Python    SQL  
HTML    JavaScript    CSS    Flask  
NumPy    Pandas    linux    git  
Familiar with:    Solidity    R    Unity 3D  
Tensorflow

## PROJECTS

**Automatic Multiple Choice Questions Generator**    📅 2020

- English reading comprehension MCQs are generated using the deep-learning techniques for NLP tasks.  
Mainly focused on generating the distractors. Used LSTM network.

**Solution for Customer Loyalty problem using Blockchain**    📅 2020

- Had used etherum blockchain network to create the smart contract.

**Dog Bread prediction**    📅 2019

- The project was done for the udacity deep learning nanodegree. The model has been trained using CNN.

**VR Tour for Kerala Tourism**    📅 2019

- It was a VR application which helps in promoting the Kerala Tourism. Created for the School of Innovation from Facebook VR Awareness programme 2019

**Animal Fight**    📅 2019

- A animated shooting game build using the Unity3D game engine. It contains 5 variety of animals as enemy. The goal of the player is to obtain the finishing point with in the time, without being hurt severely by the enemies.

**Car Racing**    📅 2018

- Racing stimulation build using the Unity3D game engine

**Maze Game**    📅 2018

- A maze game with various levels build using the Unity3D game engine

**InstaPostDnldr**    📅 2018

- A simple implementation which helps to download all the images of an Instagram profile.Used BeautifulSoup for scrapping

# ACHIEVEMENTS

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Class topper of Post Graduation



Qualified for UGC NET(Assistant Professor in Computer Science) in June 2020



Qualified for UGC NET(Assistant Professor in Computer Science) in June 2019



Won Second prize for Grand Hackathon conducted by Rajagiri College Cochin



Won First prize for CURATHON'19, A 24 Hour Medical Hackathon



Selected as one of 200 participants for the Udacity Deep Learning nanodegree scholarship from Facebook developer circle in 2019 based on the involvement in the community



Finalist for the **FACEBOOK VR AWARENESS PROGRAM** by SV.CO in 2019



**Open source** : One of my pull request regarding an article about clustering algorithms was merged in the freecodecamp.org



Participated and won prize in various IT Fest

**A novel approach for classification using clustering - A case study on heart disease prediction**

2017

- Research level project which focus on improving the accuracy of classification algorithm

## ADDITIONAL INFO.

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- NCC C-certificate with A grade and rank LCPL
- Active member of National Service Scheme for three years (2014-17)
- Department coordinator of IEDC CET
- Loves to attend various community meetups