

Student Developer

# T Vishwaak Chandran

☎ +919498059673 | ✉ chandranvishwaak@gmail.com | 🌐 vishwaak | in vishwaak-chandran

## Education

### Amrita Vishwa Vidyapeetham

Amrithapuri, Kerala

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING, GPA: 7.9/10

May 2022

- **Kendriya Vidyalaya**, Kalpakkam — GPA-4.00/5.00, 2018
- **Kendriya Vidyalaya**, Kalpakkam — GPA-4.5/5.00, 2016

## Skills

**Languages** C, C++, Java, HTML, R, Python, Bash Scripting, Rust  
**Frameworks** Django, AWS, Flask

## Experience

### amFOSS

Amrita Vishwa

Vidyapeetham, Amritapuri

STUDENT DEVELOPER

September 2018 - PRESENT

- Organized a beginners friendly machine learning course
- Helped in automating the attendance for club mates.

## Achievements

- Won 1 st price in Kriya (PSG Tech Fest) on Web Development
- Secured 1 st position Carte Blanche(MIT chennai Tech Fest) on Web Development
- Secured Nano Degree : Deep Learning Fully funded by Facebook
- Selected for Tamu Datathon (World's First Datathon)
- Conducted a Beginner friendly workshop on Machine learning basics

## Projects

### Dog Breed Classifier

- Implemented a Convolution neural network from scratch was constructed to classify
- VGG16 model was also used by transfer learning

### Face Generation

- Created a GAN which consisted of two CNN's Generator and Discriminator
- Trained on Celebratory data Set and generated a set of images.

### TV-Script Generation

- RNN and LSTM based model trained to generate script for next episode.

### Soil-less growth medium for plants

- Material produced from the husk of the coconut called coco peat.
- Coco peat helps in easy germination of seeds and enhances soils water holding capacity.

### RGB Image to B2W Image

- A CNN auto encoder which converts the inputted colored image to black and white
- Reduces the color spectra of the image and reduces the size of the image.

### Automatic Attendance Script

- Based on the users available SSID and a nodeMCU WiFi to cross check their presence.