



# Dhanush Kumar

 dhanushdk13

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## WORK EXPERIENCE

### CDSAML CCBD

Research-Intern

Worked as a research intern for the CDSAML body on HMER-Human Mathematical Expression Recognition

## EDUCATION

### Freedom International School

1st-10th and 11th-12th

### PES University

Btech, Computer Science

## PROJECTS

### Drug Dispenser

Hackathon Project

We built a prototype with working motors using Raspberry-pi. The prototype had an input camera for Facial recognition using Computer Vision Applications: For timely taking of medicines

### CoMER

Research internship project

We worked on CoMER - Coverage Transformer for our research internship project It is an encoder-decoder model : ENCODER: Densenet architecture DECODER: Multi-headed-Attention with coverage mechanism

## SKILLS

### ML:

Tensorflow/Pytorch/Numpy/Pandas/Sci-Kit-Learn

### Web:

HTML/CSS/Javascript/React

### Problem Solving :

DSA

## INTERESTS

ML and applied AI

Problem Solving and Algorithmic thinking

## LANGUAGES

Python/C/C++/Javascript

## AWARDS

### Heal-O-Code Hackathon

Winner

Won the Heal-O-Code hackathon for coming up with the implementation of a pill dispenser using facial recognition and computer vision

### MRD

Scholarship

MRD scholarship recipient

## CERTIFICATIONS

Introducton to Tensorflow in AI and applied Machine Learning

Coursera

CNN with Tensorflow

Coursera

NLP with Tensorflow

Coursera