

DIVYANSHU SINGH

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WORK EXPERIENCE

INFINITY LEARN WIZKLUB

MASTER TRAINER
27/07/2022 - 31/01/2023

My job is to train the trainers, who train students in the field of ML, AI, Coding languages (Python, Java, C, C++, HTML, CSS etc.), IoT, Alexa and different basic robotics components. And in 3 months I got 3 promotions (Which is incredible achievement told by my seniors) as I joined the company as a coding instructor than in second month, I got promoted to Lead Trainer and next month promoted to Master Trainer.

EDUCATION

QUALIFICATION INSTITUTE BOARD/UNIVERSITY YEAR %/CGPA

B. Tech MEC CHAUDHARY DEVI LAL STATE INSTITUTE CDLU 2021 73.08%

XII PRIVATE CANDIDATE CBSE 2017 71.6%

X SOS HERMANN GMEINER SCHOOL, VARANASI CBSE 2014 8.6 CGPA

PROJECTS

HUMAN TO HUMAN INTERFACE

OBJECTIVE- Making a device which can control the other person body by our mind (Very useful in wars, space programs etc.)

PROBLEM- Our space Programs are not that much quick because of manned missions also a lot of casualties in wars.

SOLUTION - Combining Human-Machine interface and Machine-Human Interface (Both Based on Artificial Neural Network) and creating a Human-Human interface. In simple word your brain commands your movements by sending electrical signals down axons to your muscles. The HHI works by reading these electrical signals from your brain and sending a copy to command their muscles.

RESULTS- Completed HHI for hands (elbow to finger area) with a success of 23% (approx.).

TENSEGRITY

OBJECTIVE- Making a Tensegrity Structure (My college project)

PROBLEM - Making a rope to withstand compressive force.

SOLUTION- Tensegrity, or tensile integrity, describes a system of isolated, compressed components within a network of chords that are under continuous tension. In a pure tensegrity structure, these components do not touch but experience compression, nonetheless.

RESULTS - Made a table using tensegrity as my final year project and appreciated by faculty members.

DOGS Vs CATS

OBJECTIVE- Differentiating between images of cats and dogs using Deep Learning.

SOLUTION- In this project, I have learned: How to create a neural network in Keras for image classification, how to prepare the dataset for training and testing, how to visualize the dataset, how to save the model, how to test our model performance on custom data, how to create a GUI for the execution of deep learning project.

RESULTS- I have built a model that takes an image as input and determines whether the image contains a picture of a dog or a cat.

SKILLS

CAN WRITE CODE IN 15 LANGUAGES

CNC, AURDINO, Python, JAVA, C, C++,
HTML, JAVASCRIPT, etc.

Android Studio

BASIC

Visual Studio

INTERMEDIATE

Solid works

BASICS

INTEREST

• **SCIENCE**

• **CHESS**

• **INOVATION**

• **CODING**

• **CRICKET**

• **TECHNOLOGY**

SCHOOL PROJECTS

CYCLE GENERATOR

Generates electricity with the help of cycle.

AURDINO PROJECTS

Motion controlled Night lamp,
RADAR, Intelligent Robot, home
automation, line follower, etc.

SMART CITY

A city with 0 carbon emissions and
self-sustainable.

AUTO-POWER CUT

IT cuts the power of your home by
giving just a missed call.