

ABBAS ISMAIL

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EXPERIENCE

Deep Learning Model

Edutech Analytics Lab (Internship)

📅 May 2019 – June 2019

📍 Indore

- Develop a deep learning model which predicts the intensity of cyclones.
- Satellite Images data-set is collected from (<http://www.nhc.noaa.gov/data/hurdat>).
- Technology used: Tensorflow, Numpy, Pandas, Matplotlib.

PROJECTS

PC SECURITY SYSTEM

Self-Learning Project

📅 October 2018 – December 2018

- Real-time security system which notifies admin through a text message if someone unauthorized is accessing your PC.
- Used Open-CV for real time face recognition.
- Used Twilio API for sending text message to the admin's mobile.

Compact Neural Network

Self-Learning Project

📅 December 2018 – January 2019

- Creates any type of Neural Network as per the given input parameters.
- Creates an interface in IPython Notebooks for easy input of parameters.
- Technology used: Tensorflow, IPython Widget, Numpy, Matplotlib.

Pneumonia Detection using Convolutional Neural Network

Exploratory Project

📅 January 2019

- This model predicts whether a person has pneumonia or not through X-Ray of his chest.
- Data-set is collected from Kaggle.
- Technology used: Tensorflow, Matplotlib, Pandas, Numpy.

Plant Disease Classification

Exploratory Project

📅 January 2019

- This model identifies the type of disease that the plant is suffering through.
- This model is trained on data-set having the folders of infected and uninfected and total of 27,558 images.

EDUCATION

B.E (Computer Science and Engineering)

BIT, Mesra

📅 July 2017 – Present

CGPA:7.07

Class XII

St. Umar Sr.Sc.School

📅 June 2017

79%

Class X

St. Umar Sr.Sc.School

📅 June 2015

91%

SKILLS

Machine Learning

Data Science

Deep Learning

C/C++(Basic)

Python(Machine Learning and Data Science)

Pandas

Numpy

Tensorflow

Scikit-Learn

COURSEWORK

- Machine Learning by Stanford
- Neural Networks and Deep Learning
- Improving Deep Neural Networks
- Structuring Machine Learning Projects
- Convolutional Neural Networks

POSITION OF RESPONSIBILITY

- Member of Executive Body IEEE, BIT Mesra.
- Member of Executive Body IET, BIT Mesra.
- Volunteered Data Science workshop organized by IEEE,BIT Mesra.

INTERESTS

- Cricket.
- Reading Quantum Mechanics Theories.
- Open Source Contributions.