

# RISHAB MALLICK

Kolkata, West Bengal · rishabmallick6@gmail.com · Linkedin · Github

## EDUCATION

### Kendriya Vidyalaya Fort William

Till class 12th

2006 - 2018

### St. Thomas' College of Engineering and Technology

B. Tech Computer Science & Engineering

2018 - 2022

## PROJECTS

### Zooskersky

Devpost

Scrapes data from illegal animal-parts selling websites and presents it in user-friendly manner.

### Sign Language Live Predictor

Github

An app to communicate with a deaf person i.e. it generates gestures for voice (in any language) and generates voice for gestures.

### Covid-19 Crowd Control

Github

Looking for signs of violation of sanitary methods during spread of the novel coronavirus.

## AWARDS

### Dr. APJ Abdul Kalam IGNITE Award

National Innovation Foundation

Received IGNITE 2015 award by the former President of India, Pranab Mukherjee, for the idea 'Pay as you weigh' - one of 31 innovations selected from across India.

2015

### Regional Winner of ZooHackathon

WWF

Awarded for engineering best solution to curb wildlife trafficking among 12 other finalists.

Nov 2019

### Finalist of ACM India East Hackathon

Association of Computing Machinery

Recognized for building an app for live sign language prediction during a 24-hr hackathon - one of 10 finalists from east India.

Feb 2020

## RELEVANT COURSEWORK

### Deep Learning Specialization

Credential ID: T8C5P4SSSVAM

by deeplearning.ai, Coursera

Oct 2019

- Neural Networks and Deep Learning
- Convolutional Neural Networks
- Structuring Machine Learning Projects
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
- Sequence Models

### Mathematics for Machine Learning Specialization

Credential ID: 94D8AWFNTKHJ

by Imperial College London, Coursera

Jan 2020

- PCA
- Multivariate Calculus
- Linear Algebra

### Fundamentals of Reinforcement Learning

Credential ID: J7AX7J29ZFNR

by University of Alberta, Coursera

Mar 2020

### Sample-based Learning Methods

Credential ID: A2NY595Q82BV

by University of Alberta, Coursera

May 2020

### Data Science Math Skills

Credential ID: G2PSH8HQQMBT

by Duke University, Coursera

Jun 2020

## PATENT

### AN AUTOMATED SYSTEM AND A METHOD FOR GENERATING A TRAVEL TICKET

Patent Office: India

Application number - 1189/KOL/2015

Filed Nov 20, 2015

## PROGRAMMING SKILLS

Languages: C/C++, Python

Technologies: Tensorflow, Keras, Pytorch, Fastai, Scikit-Learn