

RISHAB MALLICK

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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.com/software/zooskersky-team-pineapples-r64sqc

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

Sign Language Live Predictor

github.com/rishabmallick/Sign-language-live-predictor

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.com/rishabmallick/social-distancing

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

Recognized for creating Zooskersky in the hackathon.

Nov 2019

Finalist of ACM India East Hackathon

Association of Computing Machinery

Created an app for live sign language prediction in a 24-hr hackathon.

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

Machine Learning and Data Analysis:

Tensorflow, Keras, Pytorch, Fastai, Scikit-Learn