

# Rishab Mallick

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## EDUCATION

**ST. THOMAS COLLEGE OF ENGINEERING & TECHNOLOGY | B Tech CSE**

2018 - 2022

GPA: (10-Point system) 8.59, Electives: Artificial Intelligence, Pattern Recognition, Image Processing, Numerical Methods, Soft Computing, Operations Research, Machine Learning

**KENDRIYA VIDYALAYA FORT WILLIAM | TILL CLASS 12TH CBSE**

2006 - 2018

GPA: (100-Point system) 86.5

## EXPERIENCE

**GOOGLE SUMMER OF CODE | STUDENT SOFTWARE DEVELOPER**

Jun 2021 – August 2021

- Organisation: WormBase
- Researching and building genomic information extraction pipeline for C. elegans papers.

**CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING | RESEARCH INTERN** Apr 2021 – Jun 2021

- Worked with the image processing team on facial recognition system.

**MYRAA TECHNOLOGIES | AI SOLUTIONS INTERN**

Sep 2020 – Mar 2021

- Implemented various proof of concepts:
- Custom object detection model for wearable low-end devices, automated exam proctoring software, engineering drawing comparison tool, and car damage diagnosis system.
- Explored usage of privacy-preserving deep learning using PySyft.

**TATA STEEL | DATA ANALYST TRAINEE**

Aug 2020 – Sep 2020

- Coded scripts to remove discrepancies in geographical data using mapping APIs for dealers.

## AWARDS

**DR. APJ ABDUL KALAM IGNITE AWARD NATIONAL INNOVATION FOUNDATION | Nov 2015**

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.

**REGIONAL WINNER OF ZOOHACKATHON WWF | Nov 2019**

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

**FINALIST OF ACM INDIA EAST HACKATHON ASSOCIATION OF COMPUTING MACHINERY | FEB 2020**

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

## PATENT

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

Application ID: 1189/KOL/2015

## SKILLS

### PROGRAMMING

Pytorch, Tensorflow, SQL, Python

### RELEVANT COURSEWORK

Deep Learning Specialization by DeepLearning.AI

Mathematics for Machine Learning Specialization by Imperial College London

Fundamentals of Reinforcement Learning by University of Alberta

Sample-based Learning Methods by University of Alberta

Data Science Math Skills by Duke University

M001: MongoDB Basics by MongoDB University