

Rishab Mallick

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EDUCATION

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

2018 - 2022

KENDRIYA VIDYALAYA FORT WILLIAM | TILL CLASS 12TH CBSE

2006 - 2018

EXPERIENCE

WORMBASE | STUDENT SOFTWARE DEVELOPER

Jun 2021 – Current

- Selected as part of Google Summer of Code 2021
- Building mutation extraction pipeline for papers on *C. elegans*.

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING | INTERN

Kolkata | Apr 2021 – Jun 2021

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

MYRAA TECHNOLOGIES | AI SOLUTIONS INTERN

Mumbai | Sep 2020 – Mar 2021

- Built ML pipeline for invigilating software, engineering drawing comparison tool for universities.
- Designed ML process from scratch for damage diagnosis.
- Explored usage of privacy-preserving deep learning tools and assisted developers in daily tasks.

TATA STEEL | DATA ANALYST TRAINEE

Jamshedpur | 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

Patent Office: India, Nov. 2015

SKILLS

PROGRAMMING

RELEVANT COURSEWORK

Tensorflow, Java, Keras, Git, Keras, Android Studio, HTML & CSS, Python, Pytorch

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