

# Parismita Das

Website | Github | LinkedIn | Gmail

## EDUCATION

**IIT BOMBAY** | MTECH IN COMPUTER SCIENCE

2022-24 | Mumbai, India

**IIT GUWAHATI** | BTECH IN ENGINEERING PHYSICS

2015-19 | Guwahati, India

Minor in Electronics Communication Engineering

## WORK EXPERIENCE

**QRITEEK APP** | ES MAGICO

May, 2022 - July, 2022

- An app to rate and recommend other people anonymously. Built apis for modules such as feedback, profile, leaderboard using NodeJS and database using mongo.

**USTART APP** | ES MAGICO

Jan, 2022 - May, 2022

- A social media platform for startups and investors. Built apis for modules such as jobs, resources, posts and profiles using NodeJS and database using mongo.

**VIDYAKUL APP - BACKEND** | ES MAGICO

July, 2021-Jan, 2022

- Built features such as live-classes, refer and earn using typeORM and nodeJS.

**IRONA, AN AUTONOMOUS CLEANING ROBOT** | POBOT LABS

July, 2019 - Nov, 2019

- Built computer vision module of Irona consisting of static object detection and obstacle avoidance using R-CNN.

**TRADE INFORMATION MANAGEMENT SYSTEM** | CITICORP SERVICES

May 2018 - July 2018

Software Engineering Intern

- Created dashboard to help the makers and checkers for processing the trade related documentations using Angular and REST services.

**MAXIMUM MARGIN INTERVAL TREES** | THE R FOUNDATION FOR STATISTICAL COMPUTING

2018

Google Summer of Code Internship

[GSoc | Documentation | Github ]

- Created R Package using Partykit, to implement Regression Tree, Pruning, Adaboost and Random Forest along with Cross-Validation.

## RESEARCH EXPERIENCE

**RECONSTRUCTION OF EM SHOWER AND  $\pi^0$**

Aug 2017 - May 2019

Advisor: Prof. Bipul Bhuyan

[Link]

- Reconstruction of gamma showers in neutral pion  $\pi^0$  decay using Pattern Recognition and Machine Learning in near detector Electromagnetic Calorimeter.

## PROJECTS

**DRUGPEDIA** | WIKI OF MEDICINES

Sep 2022 - Nov 2022

- A web application displaying information about medicines and its ingredients

[Github]

**RAMAN, THE HUMANIOD** | 4I LABS, IIT GUWAHATI

May 2017 - 2020

- An computer vision and speech aided Social Upper-Body Humanoid.

[Github | Webpage ]

**DIGITAL NOTICE BOARD** | FOR ANDROID TV

Jan 2018

- Built a simultaneous multi-screen display supporting images/videos/text notices using Android and PHP.

[Github ]

## OPEN SOURCE

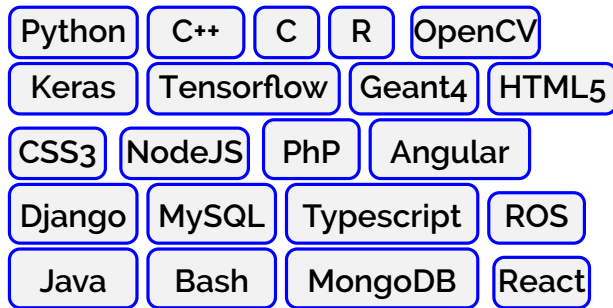
**THE R FOUNDATION FOR STATISTICAL COMPUTING** | INTERVAL REGRESSION PACKAGE MMIT

[Github]

**CLOUDCV** | EVALAI, A PLATFORM FOR HOSTING AI CHALLENGES

[Github]

## SKILLS



## COURSEWORK

COMPUTER SCIENCE    Advanced Machine learning  
Pattern Recognition and Machine Learning  
Implementation Techniques for Relational  
Database Systems  
Design and Engineering of Computing Systems  
Process Engineering  
ELECTRONICS    Digital Signal Processing  
RTL and Microprocessors  
Communications  
OTHERS    Human Resource Management

## POSITION OF RESPONSIBILITY

Head of Project Raman , The Humanoid, Robotics Club, 4i Labs, IIT-Guwahati. 2017-19  
Project Manager at Robotics club , IIT-Guwahati. 2017-19