

# RISHITA CHOUBEY

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## EDUCATION

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### **Dream Institute of Technology**

*September 2016 - August 2020*

B.Tech in Computer Science and Engineering B.Tech in Computer Science and Engineering Overall

GPA: 8.01 /10

Department of Computer Science and Engineering

## TECHNICAL STRENGTHS

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**Computer Languages** C (intermediate), JavaScript, Typescript(beginner), Python(intermediate).

**Software & Tools** HTML, CSS, Bootstrap, jQuery, WebAPIs, Angular

**Skills** Web Development (PHP), Web designing, Data Science, Machine learning(intermediate)

**Databases** MySQL, RDBMS (Oracle 11g).

**Areas of Interest** Software engineering, Data Science.

## EXPERIENCE

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### **Hipla Technologies Pvt.Ltd**

June 2020 - Present

*Machine Learning and Web development engineer Intern*

- Working with a team of Six people in a real time project which includes face detection using Computer Vision and CNN.

### **Globsyn-3rdLife**

March 2020 - May 2020

*Technical Apprentice*

- Data Analytics and Sourcing
- Coordinated with a team of 150 members for data sourcing and management.

### **Xelpmoc design and tech**

September 2019 - September 2019

*Front End Development Intern*

- Used Angular and Typescript to design the front end of a real-time project
- Coordinated the front-end components with the database.

## PROJECTS

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### **Sentiment Analysis using LSTM Model and Flask WebApp**

July 2020 - Present

A Flask WebApp used for predicting the sentiments of user, using, artificial recurrent neural network architecture- Long short-term memory (LSTM) models.

### **Complete image recognition project on colored images**

June 2020 - July 2020

- From Kaggle image recognition competition, a CNN model was built to solve it. With a simple model nearly 70% accuracy on test set is achieved. Then with the help of Data Augmentation and Transfer Learning accuracy level was improved from 70% to nearly 97%.

### **Final year Project: Find My Cryosphere**

Jan 2020 - March 2020

Created a model of prediction system, which can generate the mean extent of sea ice based on temperature. We used a linear regression model system which find a best fitting curve between temperature

and sea ice extent. It also predicts the future scenario (sea ice level) of the cryosphere on any date in future (in years), given by the user. The data can be used by scientist, students and policymakers who are interested in cryosphere.

### **Shout it Shout Box**

Dec 2019 - Jan 2020

It is a simple shoutbox developed with php , UI was designed with HTML and CSS, and the backend was managed by phpmyAdmin and SQL api were used.

## **PUBLICATIONS**

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**Performance Analysis of Pi, AL and ICT for Consistency Regularization using Semi-Supervised Learning** Under ICICSE 2020

*Accepted by Springer Proceedings but yet to be published*

**Detection Of Papaya Leaf Disease using Computer Vision and Image Processing**

*Accepted by IEEE Proceedings but yet to be published*

**Accurately detecting the nearest Cryosphere and predicting its future scenario and also the panic zones using Machine Learning.** Under IRJIET

## **ACHIEVEMENTS**

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- Selected as finalist in INAE Youth Conclave (IIT-KGP) for hospital management app development.
- Top Rank Holder amongst 340 students in Semester Examinations.
- Group leader of NASA Space App Challenge Hackathon (Top Nine Teams)
- State level debate competition winner organised by Howrah Child Relief Fund.

## **RELEVANT COURSES**

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### **Core Courses**

Data Structures & Algorithms  
Cryptography and Cryptocurrency (ongoing)  
Database Management System  
Computer Organisation & Architecture

### **Other Courses**

Machine learning- Stanford University  
Algorithms Specialization- Stanford University (c  
Python for Computer Vision Image Recognition  
How Google does Machine Learning- Google Clo

## **POSITION OF RESPONSIBILITY**

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### **Entrepreneurship Cell**

*CEO*

August 2019 - January 2020

*Dream Institute of Technology*

- Coordinating with team of 85 students responsible for organising seminars, workshops on Entrepreneurship and startups and responsible for developing contacts with various influencers and investors for funding student startups from college.

### **Innovation Club**

*Club Head*

August 2018 - March 2019

*Dream Institute Of Technology*

- Spearheaded a 2-tier team of 40 people to successfully conduct seminars and workshops on innovation and technology
- Promoted awareness about the importance of technology and science amongst students

### **Wall magazine committee**

*Chief editor*

September 2016 - August 2017

*Dream Institute Of Technology*

## **EXTRA-CIRRICULAR**

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Secured Gold in West Bengal District Level Karate Championship For Shadow Fighting (Shyshinkai shyto ryu)

Won the award for” most innovative mind” in entrepreneurship by NEN Wadhvani Foundations

Secured First Prize in state level debate competition organised by Howrah Child Relief Fund.