

# DATTATREYO ROY

MTech First Year Student

**Artificial Intelligence**

Computer Science and Engineering Department,  
**Indian Institute of Technology Jodhpur.**

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## EDUCATIONAL QUALIFICATIONS

- **Masters in Technology(M.Tech) in Artificial Intelligence from Indian Institute of Technology Jodhpur** 2022-2024 / CGPA-8.5
- Bachelors in technology(B.Tech) in Electrical & Electronics(EEE) from Institute of Engineering & Management, kolkata 2017-2021 / CGPA-9.16
- Higher Secondary(12th) from MARIA'S DAY SCHOOL 2017 / 83%
- Secondary(10th) from MARIA'S DAY SCHOOL 2015 / 94.5%

## WORK EXPERIENCES

### • ASSISTANT SYSTEM ENGINEER AT TATA CONSULTANCY SERVICES(TCS)

August 2021 - August 2022 | **Application Support and Maintainance Engineer**

-I was working in the British Telecommunication project having the task to maintain different BT applications such as Web Analytics Tool (Piwik) including delivering application support admin activities for BT competition Finance team, dealing with Foreign Clients as first line of support for their applications

## SKILLS

**Programming languages-**

c, c++/Python(Basics) and SQL

**Technical Subjects -**

Data Structure and Algorithms, DBMS, Machine learning, AI, Deep learning, Computer Vision

## INTERNSHIPS

- **Research intern at IACS** - Designing a PID Controller which allows to regulate temperature, pressure, water follow etc. Here, we used c code to implement the voltage regulation 2 Months(December 2018 to March 2019)
- **Winter Intern at CDAC**- Designing Automatic Indoor and Outdoor Positioning system using Ultra-wide band technology with sensors being added to boost the system 2 Months( December 23rd to February 28th)

## ACADEMIC PROJECTS

- **Image Segmentation** - This project involved the concepts of deep learning where I have done image segmentation using different deep learning architecture.
- **Image Watermarking** - This Project involved the use of Computer Vision where we have added watermark and removed it using several techniques.
- **Leaf Disease Detection using knowledge Distillation**- In this project, I have looked into the concepts of knowledge distillation which involved a student model learning from the teacher architecture.

## POSITION OF RESPONSIBILITY

- Core Member and Content Writer at IEMATICS which is an Online International Mathematics Olympiad organised by IEM,Kolkata
- Volunteer at Innovación 2018 -Technical Fest organised by IEM,Kolkata
- Volunteer at Iempact 2018 -Technical Fest organised by IEM,Kolkata

## CERTIFICATIONS

- Microsoft Azure Fundamental(AZ-900) Certification
- The Arduino Platform and C Programming by University of California, Irvine (Coursera)
- Introduction to Machine learning ( Ongoing)

## INTERESTS/HOBBIES

- Watching Sports
- Singing

## ACHIEVEMENTS

- 3rd Departmental Rank in 3rd Semester and 2nd Rank in 4th Semester in B.Tech
- Academic Excellence Award from IEM