

# Harsh Sanjay Agrawal

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## OBJECTIVE

To secure a Machine Learning internship in a reputable organization to expand my learnings, knowledge, and skills.

## EDUCATION

**Stevens Institute of Technology**

May 2023

Masters in Computer Science

**University of Mumbai**

Aug 2017 - Jul 2021

BE in Electronics and Telecommunication

CGPA: 8.25/10

## SKILLS

**Machine Learning** : Python, R, TensorFlow, Jupyter, Matlab, OpenCV

**Embedded** : C++, Java

**Cloud** : Amazon Web Services, Google Cloud Platform

**Web Dev**: MERN stack, JQuery, Django, Flask

**Database** : MongoDB, MySQL, PostgreSQL, Hadoop

**Android/Mobile**: XML, Java, Kotlin, Android Studio

## WORK EXPERIENCE

**Data Analytics Internship at Reliance Industries Ltd. Mumbai**

Nov 2019 – Dec 2019

- Progressed the attrition prediction and app recommender system to solve problems faced by Jio Telecom
- Developed a system to classify millions of user complaints into concise and well-illustrated reports using sentiment analysis

## ACADEMIC PROJECTS

**Disease Assistant** - Deep Learning

Jul 2020 – May 2021

- Designed computer vision model to ensure hygiene and NLP chatbot suggesting course of action in high risk of infection
- Engineered a full stack web server enabling users to book available medical appointments based on location
- On deployment, projected to save 20 man hours a day spent creating appointments

**Covid-19Supplies** - AWS | Django | MySQL

Mar 2020 – Sep 2020

- Built a server for medical outlets to upload supplies to be accessed in real time with location to ensure maximum efficiency
- On deployment, calls to medical stores are expected to decrease by 50%

## ACHIEVEMENTS

- PCE Ideathon 2020** (national project competition) - Awarded 1st prize with web app project "Covid-19Supplies"
- Smart India Hackathon 2020** - Winner internal hardware hackathon with "Web Based Autonomous Irrigation System"
- Bytecamp Hackathon 2019** - Attained 2nd runner up position with IOT project "Gesture recorder"

## LEADERSHIP

**DSC Lead & Machine Learning facilitator**

(Google Developer Experts)

- Administered various projects with the Google Developer Expert's Group for Google Solution Challenge 2020
- Arranged workshops, hackathons and coding sessions to help 200+ students with Google Technology and Machine learning

**Technical Mentor**

(IEEE SIESGST)

- Initiated a website for IEEE SIES GST and web server for IEEE Smart Village initiative used for data analytics
- Ranked first among college participant teams and campus ambassador for IEEEExtreme coding competition

**Student Chapter Lead**

(SIESGSTarena, Codechef Campus Chapter)

- Spearheaded problem setting and organization of 25+ competitive coding contest
- Built a recommender system for personalised blog and playlist suggestions to help 150+ students with competitive coding

**Computer language Tutor and Electronics Expert**

(Chegg.Inc)

- Trained 200+ students over a span of a year as a tutor for Mathematics, Computer language and English language
- Answered 100+ electronics questions as an undergraduate technical expert

**Core Team member & Website Manager**

(TEDxSIESGST)

- Conducted a TEDx event, starting from topics and themes of discussion to getting a license and on day management
- Curating talks and managing website for TEDxSIESGST 2020 accumulating almost 7000 views on YouTube

## CERTIFICATIONS

- Big Data Hadoop and Spark with Scala (Udemy)
- Tensorflow Developer Professional Certificate Program (Deeplearning.ai)
- Deep Learning: Face Recognition & OpenCV for Python Developers (LinkedIn Learning)