

Harsh Sanjay Agrawal

Mobile: +91 8850579478

Email: harshagrawal1802@gmail.com

Portfolio Website: harshagr18.github.io

LinkedIn: linkedin.com/in/harsh-sanjay-agrawal

EDUCATION

University of Mumbai **CGPA: 7.7/10**

BE in Electronics and Telecommunication

Aug 2017 - Jul 2021

DAV Public School, Nerul **(CBSE, Science)**

Jul 2015 - Jul 2017

Don Bosco School, Nerul **(Matriculation)**

Jul 2008 - Jun 2015

PROJECTS

Disease Assistant **Deep Learning**

Made a computer vision model, which keeps the hygiene in public places in check and a natural language processing chatbot that suggests the best course of action or a doctor's appointment in case of high risk of infection.

IEEE Smart Village Initiative **Django | AWS**

Built a web server for analytics and data sciences research coded using Python-Django. It also uses an AWS Bucket as the database.

Data Analytics Internship at Reliance Industries

Ltd., Mumbai **Nov 2019 - Dec 2019**

Worked on Attrition prediction, complaint classification, app recommender, web scraping and face recognition.

Technologies: Python | Tensorflow | Hadoop | Jupyter Lab | OpenCV | BeautifulSoup | K-Means

ACHIEVEMENTS

PCE Ideathon 2020 (Winner)

Bagged 1st prize in the undergraduate category with the project "Covid-19Supplies".

Smart India Hackathon 2020 (Winner)

Won the 1st prize in the hardware edition of the internal Hackathon with the project "Web Based Autonomous Irrigation System" (W-BAIS).

Bytecamp Hackathon 2019 (Runner Up)

We secured 3rd prize out of 150+ entries on the topic "Giving Back" with the IOT project "Gesture recorder".

Nutanix Hybrid Cloud Scholarship & Intel® Edge AI Scholarship (Winner)

"We received applications from many talented and motivated candidates, and yours truly stood out." - Udacity

Coding Skills

Machine Learning : Python, Keras, PyTorch

Big Data Analytics : Hadoop, Spark, Scala, R

Web : HTML, CSS, Bootstrap, JS, JQuery, Django

Embedded Systems : C++, Java, ROS

Android Studio : XML, Java, Kotlin

Image Processing : Scilab, OpenCV

POSITIONS OF RESPONSIBILITY

DSC Lead & Machine Learning facilitator (Google)

Working on projects from various domains of engineering and collaborating with the Google Developer Expert's Group in organising workshops, hackathons and building the coding culture in SIES Graduate School of Technology.

Technical Mentor **(IEEE SIESGST)**

Leading a team of 71 students from all branches of engineering in multiple workshops and projects including the student chapter website for IEEE SIESGST.

Student Chapter Lead **(SIESGSTarena)**

Worked on problem setting, testing and test case generation in conducting 25+ competitive coding contests. Also worked on a recommender system for the website, which gives personalised suggestions for blogs, questions and playlists.

CERTIFICATIONS

Big Data Hadoop and Spark with Scala **(Udemy)**

Learned Scala in-depth and Hadoop. Used Spark, Spark sql and Spark Streaming for data visualization and analytics.

Worked on advanced data engineering techniques to get familiar with the Hadoop environment.

Deep Learning Specialization **(Deeplearning.ai)**

3 independent specializations consisting of 13 month long courses. Learned the structuring machine learning projects, sequence models, time series and advanced deployment.

Face Recognition & OpenCV **(LinkedIn Learning)**

Analyzing images to identify facial landmarks and coding facial feature detection and encoding faces. Leveraging the image-processing power of OpenCV using methods like template matching to identify and recognize features.

PROFILE LINKS

- **YouTube.com/c/harshsanjayagrawal**
- **Github.com/harshagr18**
- **Twitter.com/harshagr1802**