# Rishit Joshi

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## EDUCATION

**Gujarat Technological University,** Ahmedabad, India
Bachelor's in Computer Engineering - Aug. 2015 – Sep. 2020

Related Courses: Data Mining and Business Intelligence, Artificial Intelligence, Big Data Analytics, Database Management Systems, Analysis and Design of Algorithms, Data Structures, System Programming, Software Engineering

## WORK EXPIRENCE

**Machine Learning Intern**
GahanAi Pvt Ltd, Bangalore Jan2021- Present

- Performed pre-processing techniques on **json data** using json module in python.
- Performed data manipulation task on **tabular data** using Pandas
- Built Character Based Model for **Name Entity Recognition** and did error analysis.
- Used Regex module for post processing task

## TECHNICAL KNOWLEDGE

| | |
|---|---|
| Programming Languages: | C++, Python, SQL, Java, HTML |
| Tools/IDE: | Git, Jupyter, Vscode, Spyder |
| Frameworks / Libraries: | Flask/Django, Json, Regex, Scikit-Learn, K-Means Clustering, SVM, TensorFlow, Keras, OpenCV(cv2), YOLO, PIL, NumPy, SciPy, Pandas, Matplotlib, PCA, Pickle |

## PROJECTS

**Fashion Product Recommendation** Dec.2019-Jan 2020

- Built a fashion product recommendation system based on similarity of images using Convolution Neural Network in Keras

**Facial Expression Recognition in Keras** March 2020-May 2020

- Built and trained Convolution Neural Network in Keras from scratch to recognize facial expressions. Served the model to web interface using Flask that perform real-time facial expression recognition on video and image data.

**Classification of Archaeological Artifacts Using CNN (Group)** August 2020-October 2020

- Deployed a model on flask that is trained on CNN using transfer learning approach to classify artifacts into three categories namely Basket, Coin, Figure. VGG19 is used for transfer learning approach with custom output layers. such techniques can help archaeologist in their assessment and classification of archaeological finds.

## CERTIFICATES/ACTIVITES

- Machine Learning by Prof Andrew.Ng (Coursera)
- Neural Networks and Deep Learning (Coursera)
- Structuring Machine Learning Projects (Coursera)
- Supervised Learning with Scikit-Learn (Data Camp)
- Python for Everybody (5 certified courses) (Coursera)
- Presented a Key-Note session titled "**A study on the Basics of Quantum Computing" at Vibrant Gujarat and Start-up Summit 2019**
- Secured First Position in Smart India Hackathon-2019