

Krina Uday Shah

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EDUCATION

Stevens Institute of Technology

MS in *Computer Science with Data science* (CGPA : 3.77)

Hoboken, NJ

Expected December 2022

University of Mumbai

BTech in *Computer Engineering* (CGPA : 3.68)

Mumbai, India

July 2016-October 2020

WORK EXPERIENCE

Orcawise

NLP Data Scientist intern

New York City, NY

December 2021

- Read high volume of articles consisting of 500-1000 words and annotate data according to predefined guidelines
- Search and process images, videos and social comments to find potential buy signals
- Worked on contextual understanding of NLP

Finance Lookup Advisors

Data analytics and visualization intern

Mumbai, India

June 2020-July 2020

- Python Libraries such as BeautifulSoup and Selenium were used to extract real-time data
- Data preprocessing was done on retrieved data and clean data was analyzed to get useful insights
- Various visualization tools like Tableau were used to represent the data in a graphical manner and drafted data was uploaded on the company's social media sites

Turakhia Traders

Web Developer Intern

Mumbai, India

August 2020-August 2020

- User-friendly and responsible website was built.
- Front-end was developed using HTML, CSS and Bootstrap. Interactive designs and graphics were used.
- Integrated features like browse through the product, contact the company and google map, indicating office address.

ACADEMIC PROJECTS

Spotify Music Recommendation

September 2021-November 2021

- Recommended music based on content based filtering, collaborative based filtering and popularity based system
- Data was cleaned by removing duplicates, labeling categorical data into numerical, converting continuous value into discrete value
- Popularity based recommendation algorithm like Decision tree, K nearest neighbor, XGBoost, Random Forest classifier and Cosine Similarity; Content based filtering algorithm like Naïve Bayes and stochastic Gradient Descent; Collaborative filtering algorithm like Kmeans clustering were used

H-1B LCA Certification Prediction

September 2021-November 2021

- Analyzed unbalanced dataset of H1B LCA applicants to predict whether their application will belong to denied or accepted category
- Performed data preprocessing by cleaning the data, Over sample and down sample dataset to normalize the data. Uncover underlying structure and extract important variables from the dataset through EDA.
- Algorithms like Logistic regression, decision tree, Naïve Bayes classifier was used for prediction

Learning Platform for Dyslexia, Dysgraphia and Memory using ML

January 2020-October 2020

- Trained machine learning model with Algorithms like Decision Tree, XGBoost Classifier and Random Forest to determine the severity of student's Learning disabilities i.e. Dyslexia, Dysgraphia and Memory
- Data from parents feedback and student's quiz results were used to train the model
- Depending on the severity level, the Learning module would be suggested to the student
- The Learning platform application was built using Python, ML, Bootstrap, CSS, JavaScript

PUBLICATION

[Detecting the Severity and Type of Learning Disability with Pattern extraction using Machine learning](#)

International Journal of Computer Science Trends and Technology (IJCTST 2020)

[Perspective of Dyslexia and the existing Learning Technologies: Review](#)

International Journal of Future Generation Communication and Networking (May 2020)

SKILLS

Python, MongoDB, MySQL, Machine learning, Tableau, JavaScript, HTML, CSS, Soft Skills