

Chandreyi Chowdhury

Creative Thinker. Innovator. Torchbearer.

chandreyi.surat@gmail.com
github.com/Chan-dre-yi
linkedin.com/in/chandreyic

EDUCATION

VIT, Vellore — *Int. MSc. in Computational Statistics and Data Analytics*
July 2019 - PRESENT
CGPA - 9.08. Merit scholarship at the end of the last session.

Divine Child High School, Surat — *Higher Secondary Education*
June 2017 - March 2019
Percentage - 84.5%. 12th CBSE board score in PCM + CS.

S. D. Jain Modern School, Surat — *Secondary Education*
April 2010 - March 2017
CGPA - 9.6. 10th CBSE board score.

PROFESSIONAL RESPONSIBILITIES

Director of Events for Deuchest Literary Association VIT — *tenure: 2022-23*
General Enquiry Manager for VIT's cultural fest: RIVIERA'23

INTERNSHIP PROJECTS

Vindhya e-Infomedia Pvt. Ltd. — *attrition rate reduction project (ongoing)*
HR team | Feedback Data Collection | Plotting Trends | Exploratory Data Analysis | Python | 40% Capital Savings Promised

PROJECTS

Youtube Sentiment Analysis Model [↗](#)
Python | NLTK | Stemming and Lemmatization | Gaussian Naive Bayes Classifier

After Hurricane Analysis using MATLAB [↗](#)
MATLAB | Exploratory Data Analysis | Visualizations and Insights | Hurricane Harvey Dataset | Insurance Company | Informed Decisions | Damage Caused => Resource Allocation

Encryption and Decryption using Huffman Coding [↗](#)
DSA | Greedy algorithm | Data compression | Decreasing memory space usage

Live Chat Application using pub-sub and Apache Kafka (ongoing)
Data Engineering | Hadoop ecosystem

Application of ANN to verify Conservation Law (ongoing)
Neural Network | PDEs | Conservation Law

SKILLS [↗](#)

Programming: C, C++, Python, Java

Analytics: R, MATLAB, IBM SPSS, Minitab

Visualization: MATLAB, Python, Minitab, PowerBI

Database Management: SQL, Oracle Database

Big Data: Tableau, AWS, Apache Hadoop

Machine Learning: Python libraries: (Tensorflow, Keras, Scikit-Learn, NLTK), Sentiment Analysis, ANN, Deep Learning

Lean Six Sigma: Black Belt

Marketing Analytics

Design: Adobe Illustrator, Adobe Premiere Pro

AWARDS

Constant Merit Scholarship Awardee [↗](#)

EXTRACURRICULAR

Volunteer work at Ayuda NGO
Personal Youtube Channel: Dance

LANGUAGES

English, Hindi, Bengali, Gujarati, French, German, Japanese

HOBBIES

Painting, DIY, Pencil sketching, Kathak, Rabindra Nritya, Reading, Traveling