ADITI ASHISH GAWANDE

(929) 651-0330 | ag9500@nyu.edu | linkedin.com/in/aditigawande/

EDUCATION

New York University, New York, NY
MS in Computer Science, GPA: 3.889/4.0   May 2025

SRM Institute of Science and Technology, Kattankulathur, IN
BTech in Computer Science and Engineering, GPA: 9.28/10   Jul 2023
- Specialization: Big Data Analytics
- Co-authored an IEEE conference paper on automated detection of COVID-19 infection using CXR and CT scan images.
- Coursework: Artificial Intelligence, Data Science, Machine Learning, Database Management Systems, Formal Language and Automata, Compiler Design, Operating Systems, Design and Analysis of Algorithms, Object Oriented Design and Programming

EXPERIENCE

New York University - Phonathon, New York, US   Jan 2024 - Present
Engagement Ambassador
- Engaged in outreach at NYU, connecting with over 300 alumni per day to understand their experiences, played a key role in fundraising for purposes like scholarships, emergency relief funds, emergency food funds, etc and supporting university initiatives through effective communication.

New York University - Building Informatics and Visualization Lab (biLAB), New York, US   Oct 2023 – Jan 2024
Research Assistant
- Leveraging reinforcement learning, transformer models, virtual reality, and wearables applications to improve construction worker safety.

Oil and Natural Gas Corporation, Mumbai, IN   Jan 2022 - Feb 2022
Intern
- Accomplished automated estimation and reservoir characterization leveraging industry grade ML models resulting in 50 % less human intervention.
- Implemented OVR Logistic regression with a 46.55% accuracy on abnormally separated training data.
- Performed data cleaning on petroleum bed dataset with almost 1,000,000 data points.

Indian Institute of Technology, Indore, IN   Nov 2021 - Dec 2021
Intern
- Optimized and analyzed data on GTSR model and attaining 99.2% accuracy by reducing false cases by 15%.
- Conducted intensive ML model tasks, encompassing exploratory analysis, test augmentation, error analysis, retraining, and assessed performance on 12,630 image German sign data.

ACADEMIC PROJECTS

TailorFit: Customized Fitness Plans
- Developed a personalized fitness guidance app to offer a comprehensive, data-driven solution that caters to individual fitness goals by providing tailored diet and exercise recommendations by utilizing OpenAI API.
- Designed a GUI using Java's swing UI framework, stored the user's data in database using SQLite, implemented networking to make API calls to OpenAI and multithreading to handle multiple clients at the server.

Beyond the Label: Sustainability Analysis of Fashion Brands
- Developed a recommendation system of fashion brands based on sustainability preferences using SVD for dimensionality reduction and cosine similarity for matching similar brands.
- Performed time series analysis to predict the sustainability scores for the year 2023 based on historical data using Linear Regression Model with an accuracy of 86.52%

Language Identifier
- Detected 17 languages with an accuracy of 80% deploying Naive Bayes classifier.
- Studied 10,627 unique data entries to achieve high reliability.

SKILLS

Technical: Python, NumPy, Pandas, Seaborn, Matplotlib, R, C, C++, Dart, Android Studio, Flutter, HTML, CSS.