

Malaika Nazim

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RECENT PROJECTS (github.com/malaika-n)

MUSIC RECOMMENDATION SYSTEM

- Created and implemented a recommendation algorithm using the Spotify API to access music-related data such as listening history to suggest new and relevant music to users.
- Employed various data preprocessing techniques to clean and organize the data collected efficiently.
- Performed collaborative filtering, content-based filtering, and hybrid approaches, to generate music recommendations.

ETL (Extract, Transform, Load) PIPELINE

- Created a pipeline to scrape textual data from any article on the web to count the frequency of each word in the article
- Transformed raw data through various operations, including cleaning, filtering, structuring, and aggregating to store the frequency of each word

LEADERSHIP EXPERIENCE

WOMEN IN STEM CLUB (*California Lutheran University*)

President

Thousand Oaks, CA
August 2022 - May 2023

- Initiated and established the Women in STEM Club, attracting 125 dedicated members.
- Organized 5 events, with an average attendance of 90 attendees per event.
- Expanded club outreach, reaching 50 students through STEM presentations and workshops.
- Established a mentorship program, pairing 125 members with professors and mentors, fostering a supportive environment.

INSPIRIT AI SCHOLARS PROGRAM

Program Participant and Team Leader

Mumbai, India
July 2019

- Led a team in implementing an NLP-based disaster relief management model to classify tweets based on required aid, optimizing disaster response efforts.
- Employed Rule-Based classification, Bag of Words, and Word Embedding models to determine the most effective approach
- Achieved exceptional accuracy rates with the Bag of Words classification method resulting in 85% accuracy.

ADDITIONAL

Technical Skills: Data Analysis, Dashboards, Data Cleaning, Python(NumPy, Pandas, Sci-Kit), SQL, Java, Machine Learning, R programming, MATLAB, Microsoft Office, Spreadsheets (Excel), Databases.

Soft Skills: Active listening skills, Problem-solving, Time management, Effective Communicator, Collaborator and Delegator, Self-Motivated, and Analyzing skills.

Certifications & Training: Google Data Analytics Certificate (Coursera), Data Science Foundations (Codecademy), Machine Learning by Stanford Online (Coursera).

Languages: Fluent in English and Hindi; Conversational Proficiency in Spanish.

Hobbies and Interests: Women In STEM Advocacy, Social Media Marketing, Travel, Foreign Languages, Writing, and Blogging (hercampus.com/author/malaika-n/, malaika-n.medium.com).

WORK EXPERIENCE

RESIDENT ASSISTANT

California Lutheran University

August 2022 – August 2023
Thousand Oaks, CA

- Fostered a supportive community atmosphere for 220 residents.
- Organized and executed 10 community events with a 25% increase in participation.
- Facilitate resolution of disagreements between residents and responding to complaints, reports, requests, and emergencies

OFFICE ASSISTANT AND PROGRAMMING SPECIALIST

Office of International Students and Scholars at California Lutheran University

September 2021 – July 2022
Thousand Oaks, CA

- Facilitated international student events, contributing to a 50% improvement in attendance.
- Updated and managed student records using office databases, resulting in a 20% reduction in data entry errors.
- Performed administrative tasks and managed a high volume of calls and emails, contributing to streamlined office operations.

EDUCATION

CALIFORNIA LUTHERAN UNIVERSITY

Bachelor of Science (Cum Laude)

Major in Computer Science; Minor in Mathematics

Cumulative GPA: 3.6; Dean's List 2020-2023

Relevant Coursework: Advanced Computer Programming, Software Engineering, Discrete Math, Calculus, Data Analysis with R, Algorithms, Linear Algebra

Thousand Oaks, CA
August 2020 - August 2023