NANDINI LOKESH REDDY

New Bedford MA nlokeshreddy@umassd.edu • 5085097764

EDUCATION

University of Massachusetts Dartmouth, North Dartmouth MA   **Expected 2024**

Master of Computer Science.

- 3.77 GPA
- Advanced Machine learning (AWS Certification), Data Visualization (worked on Tableau, d3js, echarts), Theoretical Computer science

Visvesvaraya Technological University, Belagavi KA   **August 2022**

Bachelors of Computer Science & Engineering.

- 8.97 GPA
- Academic Excellence Award.

ACADEMIC PROJECT WORK & PUBLICATIONS

- **E-Voting system:**
  Established an electronic voting website using blockchain technology, allowing users to cast their votes using their registered email address from any location. This increases system security and transparency.
  Publication: Submitted a research paper in IEEE publications(stage-reviewing)
- **Plant Disease Identification:**
  with the provided plant image, determined the ill-ness of the plant with the aid of machine learning algorithms and python programs. This aids in identifying different plant ill-ness and researching those diseases.
- **Wild-Life Conservation Website:**
  Using HTML, CSS, and JavaScript, collaborated to build a website with helpful information about the endangered species that will aid in fund-raising efforts to protect them.
- **International Journal of science & Engineering Research**
  Published an article related to smart e-cash system.
- **Phishing URL Prediction:**

  To identify spam and ham URLs, multiple machine learning classification techniques were developed. The project was developed in Python using a combination of modules and packages. Worked on web API's and Beautiful soup.

- **Twitter Sentiment Analysis:**

  Based in the tweets, determined whether the tweet is positive or negative using the stop words, encoding and machine learning packages.

- **Stable Diffusion Model:**

  Currently working on stable diffusion model with artificial intelligence and machine learning. Implementing diffusion model for text-to-image visuals in real time.

INTERNSHIP

Quant Masters, Bengaluru KA   September 2021 – February 2022

Software Intern.

- Worked on sentiment analysis and image processing machine learning projects.
- Analysis project twitter sentiment analysis, which predicts the positive and negative sentiment of the statement.
- Worked on real estate price prediction, using various machine learning algorithms to predict the prices.
- Recognized as the finest intern during my employment.

LEADERSHIP & ACTIVITIES
All India Council for Technical Education, Chickballapur KA   December 2021 – January 2022
Rural Development Member.
- Educated rural residents about government programs, assisted them in using mobile devices, cleaned up remote communities, and raised their understanding of numerous national issues.

District Hospital, Chickballapur KA   March 2020 – October 2021
Front-line Covid Volunteer
- Helped many people organize their food and housing throughout the pandemic, assisted people in getting their immunizations completed, and raised awareness of vaccinations and COVID-19.

SKILLS & INTERESTS
Technical: Python, HTML, C, CSS, JavaScript (Intermediate), SQL, Machine learning, Data visualization, java
Language: Fluent-Hindi, Telugu, Kannada
Interests: Cricket, Korean films and Travelling
Operating systems: Windows, Mac OS, Linux

Visualizations:
https://nandinilreddy.github.io/DV_Part1_major_assignment3/
https://nandinilreddy.github.io/dataviz_dv3/