Amy Mendiola

amy.mendiola@utdallas.edu | Sugar Land, TX | 832-490-6604 | linkedin.com/in/amy-mendiola/ |
github.com/AmyMendiola | Website: amymendiola.github.io/

EDUCATION

Bachelor of Science in Computer Science, *Magna Cum Laude* (GPA: 3.92)   **May 2024**
Master of Science in Computer Science   **May 2025**
University of Texas at Dallas
Honors:
*Dean's List Recipien*t - F21, S22, F22, S23

RELEVANT COURSEWORK

Natural Language Processing   Operating Systems Concepts
Human Computer Interaction   Design and Analysis of Computer Algorithms
Machine Learning   Database Design

SKILLS SUMMARY

Programming Languages: Python, Java, Angular, C++, CSS, HTML, Assembly Language (MIPS), Linux, and Scheme
Software Tools: Visual Studio Code, IntelliJ, GitHub, Jupyter, Virtual Box, MARS, MobaXterm, and DrRacket

PERSONAL PROJECTS

Espresso Chatbot | NLP Project   Mar 2024 – May 2024
Language and Tools Utilized: Python, Visual Studio Code
- Created a Chatbot to answer user questions about espresso
- Trained a Keras Sequential neural network model to map user questions to an accurate response

Housing Dataset Machine Learning Models | Course Project   Sept 2023 – Dec 2023
Language and Tools Utilized: Python, Jupyter Notebook, Visual Studio Code, Kaggle
- Accurately curated multiple machine learning models to predict the housing sales prices of the selected dataset
- Evaluation of results and understanding of reasonings of model performance

Portfolio Website | Personal Project   May 2022 – Aug 2024
Language and Tools Utilized: Angular, TypeScript, CSS, HTML, Visual Studio Code
- Created a personal website that displays information about resume, about page, projects and contact information
- Utilizes Angular material components and contains page jumps

Scratch Machine Learning Models | Course Assignments   Aug 2023 – Dec 2023
Language and Tools Utilized: Python, Jupyter Notebook, Visual Studio Code
- Created multiple machine learning projects from scratch
- Models include: Decision Trees, K-Means, K-Medoids, K Nearest Neighbors, Linear Regression, Perceptron, SVM

WORK EXPERIENCE

PBWMT Summer Analyst, Software Developer, Citi Group   Jun 2024 – Aug 2024
Skills: Spring Boot, Angular, TypeScript, Oracle
- Created and designed a full-stack project including a front-end Angular UI database portal and back-end Spring microservice to update an Oracle DB

PBWMT Summer Analyst, Software Developer, Citi Group   Jun 2023 – Aug 2023
Skills: Angular, Data Analysis, TypeScript
- Created and designed front-end UI for a development tool (APIs, multi-form submittal, data display, and nav bar)
- Further developed team communication and presentation skills

Comet Cab Team Lead, University of Texas at Dallas   Aug 2022 – Present
- Demonstrates effective communication skills, time management, and teamwork
- Shuttles students, faculty and staff around UTD campus