Milad Noori

Fort Worth, Texas

milad.noori@mavs.uta.edu | +1 (682) 478-6347 | Milad Noori | LinkedIn

SKILLS

Python, SQL, Data Visualization, Statistics, LaTex, Java, Agile Methodologies, C, C++, UML, Git, Shell Script, MATLAB, Simulink, HTML, CSS, JavaScript, Databases, .NET Framework, Eclipse, Android Studio, NetBeans, React, VirtualBox, Linux, MS Office, Windows, macOS, Interpreting, Teaching, Inventory management, Customer Service.

EDUCATION

Correlation One
>   Amazon Cloud Support Specialist

The University of Texas at Arlington
>   Bachelor of Science in Computer Science

Tarrant County College
>   Associate of Science
>   Dean's List, Honor's List, Humanities Award, Phi Theta Kappa member

CERTIFICATES

The University of Texas at Arlington - Unmanned Vehicle Systems Certificate
MathWorks - MATLAB onramp, SIMULINK onramp
ISC2 Training - Certified in Cyber Security
Tarrant County College -Office Assistant Certificate
Translation & Interpretation Network (TIN) Community Interpreter Certificate (Persian)

EXPERIENCE

Learning Ambassador	Amazon, Fort Worth, TX	2022 - Present
Interpreter	Translation & Interpretation Network, Fort Worth, TX	2015 – Present
Teacher Substitute	Fort Worth ISD, Fort Worth, TX	2015 – 2016
Quality Assurance	OHL DC, Fort Worth, TX	2014 – 2015

PROJECTS

Senior Design Project: Agile Development, Arduino, C++ Programming Language
Built a recoverable Thrust Vector Gimbal Rocket
Link for more details: TVC GIMBAL ROCKET – CSE Senior Design (uta.edu)

Database Projects:
>   Project 1 – Made ER Diagram for a sample National Hockey League and SQL Queries
>   Project 2 – Rental Car sample data fetching from text and execution of queries on them
>   Project 3 – Made GUI for project 2 for adding new data and searching database

Machine Learning: Python, SQL, Data Visualization, Statistics, Tkinter, Colab, Kaggle

- Project proposal for implementing a machine learning algorithm over Spaceship Titanic data set from Kaggle.
- Implemented Logistic Regression and SVM algorithms to get the result for the data and used python's Tkinter GUI toolkit and made a GUI for data visualization.

Unmanned Vehicle Systems:
Built Autonomous UGV (Unmanned Ground Vehicle) System
MATLAB, Python Programming Language, ROS, ArduPilot Mission Planner

Autonomous Robotics: Building Autonomous Robot by LEGO® MINDSTORMS® EV3
- ❖ Python Programming Language
    a. Project 1: Develop Odometry and implement path planning.
    b. Project 2: Rescue Robot for a maze
    c. Project 3: Stair-Climbing Robot
- ❖ C Programming Language:
    - Determined and implemented forward kinematic function for Simulated Robot Arm
    - Implemented a PD controller for a 1 DOF robot manipulator
    - Image processing:
        d. Implemented Edge Detection Using Prewit Templates
        e. Implemented Template Matching Using Normalized Convolution
        f. Implemented Segmentation Using Blob Coloring
    - Implemented the Q-learning algorithm to Balance a simulated Inverted Pendulum

Software Engineering: Java Programming Language, Astah Professional, Google Firebase, Android App Development; Android Studio; Everyday budgeting application

Operating Systems: C Programming Language
Built a shell application like the bash/terminal application.

Programming Class: Java Programming Language - Built a Java Applet for flight booking.
.NET – shopping cart web application class project

LANGUAGES

English, Persian (Farsi)

HOBBIES

Chess

VOLUNTEER

VITA Tax Preparation, Back to School Round Up.