

Milad Noori

Fort Worth, Texas

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EDUCATION

The University of Texas at Arlington	Bachelor of Science in Computer Science
Tarrant County College	Associate of Science

CERTIFICATES

The University of Texas at Arlington	Unmanned Vehicle Systems Certificate
MathWorks	MATLAB onramp, SIMULINK onramp
ISC2	Cyber Security Certificate

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

PROJECTS

Senior Design Thrust Vector Gimbal Rocket: Developed a recoverable rocket with thrust vector control.

Unmanned Vehicle Systems - Autonomous UGV: Designed and built an Unmanned Ground Vehicle System, integrating control algorithms and sensor systems.

Machine Learning - Spaceship Titanic Analysis: Implemented Logistic Regression and SVM algorithms on Kaggle's Titanic dataset; developed a data visualization GUI using Python's Tkinter.

Autonomous Robotics (LEGO® MINDSTORMS® EV3):

- **Odometry & Path Planning:** Engineered solutions for autonomous navigation.
- **Rescue Robot:** Designed a robot to navigate and perform tasks in a maze environment.
- **Stair-Climbing Robot:** Developed a robot capable of ascending and descending stairs.

Database Management:

- **ER Diagrams & SQL Queries:** Created ER diagrams for a National Hockey League model; executed complex SQL queries for a sample rental car data.
- **Database GUI:** Developed a GUI for database interaction, enhancing data entry and search.

Programming Projects:

- **Software Engineering:** Programmed an everyday budgeting application using Java.
- **Operating Systems:** Constructed a Bash/Terminal-like shell application using C.
- **Flight Booking Applet:** Developed a Java applet for flight booking,
- **.NET Shopping Cart:** Implemented a web-based shopping cart application.

LANGUAGES

English, Persian