Shima Jabbari

Contact Information

Address Glendale, CA   **Phone** 213-269-8032   **Email** shimajabbaari@gmail.com

Education

Bachelor of Science in Computer Science, California State University of Northridge   June 2024
Glendale Community College   June 2022

Relevant Coursework

- Java Programming
- Data Structures I/ II
- Differential Equations
- Software Engineering
- Machine Learning
- Discrete Structures

- Programming in C++ / Advanced Topics
- Linear Algebra
- Probability
- Computer Architecture & Assembly
- Operating System
- Algorithm Design

Skills

Programming Languages: C, C++, C#, Java, JavaScript, Python, Assembly, Unity

Projects

- Endurance-S Project: Endurance-S is a NASA/JPL project which is to create a high caliber simulation of the Endurance rovers using the Unity Real-Time Development Platform to be used by NASA/JPL employees to test the Endurance rover under different conditions and adjusting different components of the rover. Users are allowed to make modifications in different scenarios to best suit the Moon's terrain.

- Mushroom dataset classification: Python Implementation of various Machine Learning algorithms such as MLP classifier, Support Vector Machine (SVM), K-Nearest Neighbors (KNN), Decision Trees and Random Forests, Neural Networks for UCI mushroom dataset and evaluating their performance via multiple metrics.

- Social Media App: An object-oriented JavaScript-based social media platform that empowers users to establish profiles and share images. The platform incorporates a robust rating system for user-generated content. It is built on a foundation of Node.js, leveraging MongoDB as the database solution, and seamlessly integrates Cloudinary services for streamlined image upload and management. The platform ensures enhanced security and user registration efficiency through the implementation of Google Authentication.

Scholarship Award

- Southern California Edison STEM Scholarship   May 2023
Received for exceptional academic achievements, associated with California State University, Northridge.

Work Experience

Student worker, Canvas Live/Learning Commons at Glendale Community College   February 2022–August 2022
- Guiding students in the use of canvas.
- Addressing student inquiries and concerns.
- Assisting students in resolving technical issues.