

Haik Shougarian

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Education

University of Massachusetts Boston, Boston, MA

Bachelor of Science Computer Science

GPA: 3.43, Dean's List, Cum Laude

Graduation: December 2021

Technical Skills

- **Proficiency:** Java, C
- **Familiarity:** C++20, Python, Go, Racket, Assembly Language (Intel IA-32), Swift, Octave, MATLAB
- **Development tools:** Visual Studio Code, IntelliJ, Android Studio, XCode, GitHub

Relevant Coursework

- Introduction to Software Engineering
- Advanced Algorithms and Data Structures
- Machine Learning

Projects

Android Workout Tracker Application

Dec 2021

- Developed a workout logging application with a user-friendly interface using Android Studio.
- Utilized Firebase for user authentication and storage of real time workout data (date, workout length, calories burnt, and workout type).
- **Technologies used:** Android Studio, Java, and Firebase.

Handwritten Character Recognition

Nov 2021

- Developed a handwritten character recognition algorithm that can classify all uppercase characters in the alphabet.
- Utilized logistic regression to train models for each character with up to 96% training accuracy.
- Used a one vs rest methodology to classify new examples of handwritten characters with up to 70% accuracy.
- **Technologies used:** Octave.

Work Experience

AutoZone

Feb 2020 – Sept 2021

- Provided excellent customer service to over 30 guests per day in a high paced work environment.
- Changed up to 10 batteries a week while walking customers through how to do so themselves.

Enterprise

Jan 2018 – Sept 2018

- Drove customers to and from the Enterprise location while providing excellent customer service.