Robert Elizondo

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Computer Science Student

Education:

Texas A&M University
Bachlors of Science
Expected Graduation: Spring 2022
GPA: 3.46

Bishop Dunne Catholic School
Graduated: May 2017
GPA: 3.92

Technical Skills:

- C++
- Python
- Swift
- HTML/CSS/JavaScript
- Haskell
- Java
- MacOS
- Web Design — robelizondo.com

Relevant Courses:

Data Structures and Algorithms
Implementation and Analysis of abstract data types and their associated algorithms.

Computer Organization
Integration of key notions from algorithms, computer architecture, and software engineering into one unified framework.

Programming Languages
In-depth study of the design space for both functional and object-oriented languages.

Discrete Structures for Computing
Mathematical foundations and proof techniques for solving discrete systems.

Work Experience:

Chacho's Auto Electric *May 2015- Present*
Shop Manager and Technician; Dallas, TX

-Diagnose vehicles using modern scan tool interfaces.
-Negotiate sales and repair rates.
-Repair and program electronic control modules.

Automotive Programmer *Summer 2017- Present*
Self Employed Programmer; Dallas, TX

-Use custom tune files to maximize performance of powertrain control modules.

Programs and Competitions:

TAMUhack *Spring 2020*

-Created an iOS application (SplitJar) that allows users to participate in a traditional "swear jar" by using virtual transactions with Swift, Mongo and JSON.

TAMUhack *Spring 2019*

-Created an iOS application (AggieScan) to generate QR codes for Texas A&M students that would serve as a digital ID by using Swift and MySQL.

Aggies Invent for the Planet *Spring 2019*

-Created a cross platform app to help lower fatal road accidents in Asia using React Native and TensorFlow.
-The application incentivized good driving behavior by detecting if user was wearing a seatbelt or helmet.

Team Programming Competition *Spring 2019*

-Collaborated with teammates to solve fast-paced algorithmic challenges in a span of 5 hours.