ROBERT ELIZONDO

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1617 Old Hickory Trail • DeSoto, TX 75115

EDUCATION

Bishop Dunne Catholic School	GPA: 3.92	August 2013-May 2017
The University of Texas at Arlington	GPA: 4.0	Fall 2017
Dallas County Community College	GPA: 3.36	Spring 2018-Present
Texas A&M University	GPA: 4.0	Fall 2018-Present

WORK EXPERIENCE

Chacho's Auto Electric – *Shop Manager and Technician; Dallas, TX*　　　　　May 2015-Present
- Diagnose vehicles using highly advanced scan tool interfaces.
- Negotiate sales and repair rates with diverse set of clients and vendors.
- Replace, repair, and program electronic control modules.

Automotive Programmer – *Self Employed Programmer; Dallas, TX*　　　　　Summer 2017-Present
- Program a wide array of computer modules on both domestic and import vehicles.
- Create custom tune files to meet the needs of clients to maximize fuel efficiently and boost horsepower/torque.

LEADERSHIP EXPERIENCE AND ACTIVITIES

UTA Mobi – *Member*　　　　　Fall 2017-December 2017
- Actively participated in instructional mobile application development seminars.

Engineering Club – *President (Fall 2015 – Spring 2017)*　　　　　Fall 2013-Spring 2017
- Coordinated budgeting efforts and built custom projects with members to solve everyday problems.

Robotics Team – *Captain (Fall 2014-Spring 2017)*　　　　　Fall 2013-Spring 2017
- Built robots using NXT, EV3 and VEX. Programed with Mindstorms and Robot C.

PROGRAMS AND COMPETITIONS

TCEA Area 10 Robotics Inventions Competition – *(State Competition Spring 2017)*　　　　　Fall 2014-2017
- Created a gear driven color and temperature automated closet that was presented to a panel of judges.

SMU Advanced Robotics Summer Program　　　　　Summer 2016
- Challenged with building and programming robot that competed in various point-based competitions.

SMU Quad-Copters Summer Program　　　　　Summer 2016
- Learned to fly, modify, work on and understand the electrical systems and real-world applications of quad-copters.

Dell Externship; *Round Rock, TX*　　　　　Spring 2019
- Networked with industry professionals and staff members.
- Learned about breakthrough artificial intelligence algorithms being developed at Dell.

Lockheed Martin Externship; *Grand Prairie, TX*　　　　　Spring 2019
- Networked with industry professionals and staff members.
- Became familiar with various military projects being carried out of Lockheed Martin's Missile and Fire Control Department.

TAMUhack　　　　　Spring 2019
- Participated in a 24-hour challenge to develop a software or hardware-based project.
- Created an iOS application ([AggieScan](#)) to generate QR codes for Texas A&M students that would serve as a digital ID.
- The application was programed in Swift and tied to a MySQL database which stored and secured the user information.

Aggies Invent (Invent for the Planet)　　　　　Spring 2019
- Participated in a 48-hour challenge to develop a project geared towards bettering the planet.
- Created a cross platform application to help lower fatal road accidents in Southeast 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.

ADDITIONAL INFORMATION

Languages: Proficient in Spanish, Python, HTML/CSS/JavaScript, Swift, Java, and MySQL.