

# ROBERT ELIZONDO

robmelizondo@gmail.com • (214) 724-6850

1617 Old Hickory Trail • DeSoto, TX 75115

[robelizondo.com](http://robelizondo.com)

## 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

<b>Chacho's Auto Electric</b> – Shop Manager and Technician; Dallas, TX	May 2015-Present
<ul style="list-style-type: none"><li>Diagnose vehicles using highly advanced scan tool interfaces.</li><li>Negotiate sales and repair rates with diverse set of clients and vendors.</li><li>Replace, repair, and program electronic control modules.</li></ul>	
<b>Automotive Programmer</b> – Self Employed Programmer; Dallas, TX	Summer 2017-Present
<ul style="list-style-type: none"><li>Program a wide array of computer modules on both domestic and import vehicles.</li><li>Create custom tune files to meet the needs of clients to maximize fuel efficiently and boost horsepower/torque.</li></ul>	
<b>Web Developer</b> – Self Employed; Dallas, TX	Winter 2018-Present
<ul style="list-style-type: none"><li>Develop custom websites for local customers and business in the DFW area.</li></ul>	

## LEADERSHIP EXPERIENCE AND ACTIVITIES

<b>UTA Mobi</b> – Member	Fall 2017-December 2017
<ul style="list-style-type: none"><li>Actively participated in instructional mobile application development seminars.</li></ul>	
<b>Engineering Club</b> – President (Fall 2015 – Spring 2017)	Fall 2013-Spring 2017
<ul style="list-style-type: none"><li>Coordinated budgeting efforts and built custom projects with members to solve everyday problems.</li></ul>	
<b>Robotics Team</b> – Captain (Fall 2014-Spring 2017)	Fall 2013-Spring 2017
<ul style="list-style-type: none"><li>Built robots using NXT, EV3 and VEX. Programed with Mindstorms and Robot C.</li></ul>	

## PROGRAMS AND COMPETITIONS

<b>TCEA Area 10 Robotics Inventions Competition</b> – (State Competition Spring 2017)	Fall 2014-2017
<ul style="list-style-type: none"><li>Created a gear driven color and temperature automated closet that was presented to a panel of judges.</li></ul>	
<b>SMU Advanced Robotics Summer Program</b>	Summer 2016
<ul style="list-style-type: none"><li>Challenged with building and programming robot that competed in various point-based competitions.</li></ul>	
<b>SMU Quad-Copters Summer Program</b>	Summer 2016
<ul style="list-style-type: none"><li>Learned to fly, modify, work on and understand the electrical systems and real-world applications of quad-copters.</li></ul>	
<b>Dell Externship; Round Rock, TX</b>	Spring 2019
<ul style="list-style-type: none"><li>Networked with industry professionals and staff members.</li><li>Learned about breakthrough artificial intelligence algorithms being developed at Dell.</li></ul>	
<b>Lockheed Martin Externship; Grand Prairie, TX</b>	Spring 2019
<ul style="list-style-type: none"><li>Networked with industry professionals and staff members.</li><li>Became familiar with various military projects being carried out of Lockheed Martin's Missile and Fire Control Department.</li></ul>	
<b>TAMUhack</b>	Spring 2019
<ul style="list-style-type: none"><li>Participated in a 24-hour challenge to develop a software or hardware-based project.</li><li>Created an iOS application (<a href="#">AggieScan</a>) to generate QR codes for Texas A&amp;M students that would serve as a digital ID.</li><li>The application was programed in Swift and tied to a MySQL database which stored and secured the user information.</li></ul>	
<b>Aggies Invent (Invent for the Planet)</b>	Spring 2019
<ul style="list-style-type: none"><li>Participated in a 48-hour challenge to develop a project geared towards bettering the planet.</li><li>Created a cross platform application to help lower fatal road accidents in Southeast Asia using React Native and TensorFlow.</li><li>The application incentivized good driving behavior by detecting if user was wearing a seatbelt or helmet.</li></ul>	
<b>Team Programming Competition</b>	Spring 2019
<ul style="list-style-type: none"><li>Collaborated with teammates to solve fast-paced algorithmic challenges in a span of 5 hours.</li></ul>	

## ADDITIONAL INFORMATION

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