



ROBERT ELIZONDO

Computer Science

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EDUCATION

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| 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

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| Chacho's Auto Electric – <i>Shop Manager and Technician; Dallas, TX</i> | 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 – <i>Self Employed Programmer; Dallas, TX</i> | 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

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| UTA Mobi – <i>Member</i> | Fall 2017-December 2017 |
| ■ Actively participated in instructional mobile application development seminars. | |
| UTA Formula One Racing Team – <i>Member</i> | Fall 2017-December 2017 |
| ■ Assist the electronics division of the race car team with a focus on wiring and harness routing. | |
| Engineering Club – <i>President (Fall 2015 – Spring 2017)</i> | Fall 2013-Spring 2017 |
| ■ Coordinated budgeting efforts and built custom projects with members to solve everyday problems. | |
| Robotics Team – <i>Captain (Fall 2014-Spring 2017)</i> | Fall 2013-Spring 2017 |
| ■ Built robots using NXT, EV3 and VEX. Programed with Mindstorms and Robot C. | |

PROGRAMS AND COMPETITIONS

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| TCEA Area 10 Robotics Inventions Competition – <i>(State Competition Spring 2017)</i> | Fall 2014-2017 |
| ■ Created a gear driven color and temperature automated closet that was presented to a panel of judges. | |
| UTA Innovation Day | Fall 2015 |
| ■ Designed a torsional spring driven, self-contained car in accordance with specific competition rules. | |
| ■ Demonstrated the use and functionality of project to university level professors and industry professionals. | |
| 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. | |

ADDITIONAL INFORMATION

Languages: Fluent in Spanish, Python, Swift, Java, and MySQL.

