

Aaron Luna

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EDUCATION

Texas A&M University

College Station, TX

BS in Mechatronics Engineering Technology (GPA: 3.8)

Graduation Date: May 2023

Minor in Embedded System Integration & Development, & Minor in Cybersecurity Technology

- Organizations/Awards: SOMTECH, Aggie Robotics, Joel & Karen Endowed Scholarship, Wade & Elizabeth Hilty Scholarship, Recipient of Hispanic Scholarship Fund (HSF), Dean's Honor Roll

Dallas College Eastfield Campus

Mesquite, TX

Associates of Applied Science (GPA: 3.9)

Graduation Date: May 2020

- Organizations/Awards: SCM, Provost's Honor Roll, Dean's List

RELEVANT COURSEWORK

- Circuit Analysis & Testing || Product Development (3D Modeling, DFMA) || Embedded Systems Development in C || Embedded Systems Software || Electronics Instrumentation || Control Systems || Mobile & Industrial Robotic Systems || Mechanical Design || Computer Networking || Unix Administration

WORK EXPERIENCE

Safe Step

College Station, TX

Electrical Engineer

August 2022 - Present

- Develop, test, and supervise manufacture of electrical design for an Escalating Step Ladder System.
- Design electrical circuit, electrical schematic, and printed circuit board (PCB) with the use of Altium.
- Provide the selection of electrical components along with a technical justification for why they were chosen, as well as their associated costs.
- Collaborate with both customers and fellow engineers to discuss the electrical design and its implementation, with the goal of satisfying the functional requirements set by the customers.

Texas A&M Engineering Information Technology (IT)

College Station, TX

Student Technician

October 2021 - Present

- Provide technical assistance to students, faculty and staff. Answer questions pertaining to all matters of technology. Sort and maintain service request tickets on ServiceNow.
- Assist students and professors resolve technical issues pertaining to software and hardware by means of troubleshooting. Troubleshoot hardware and software issues on computer systems such as Windows and Mac.

Royal Car Wash

Mesquite, TX

Car Wash Detailer

June 2019 - August 2019

- Performed long hours of external and internal detail-oriented cleaning on vehicles using several cleaning types of equipment and supplies to meet company specifications.

LEADERSHIP EXPERIENCE

Iglesia Inspiración

Mesquite, TX

Spanish Worship Leader

August 2017 - Present

- Functioned as the primary worship leader for the Spanish service; lead worship as the lead vocalist and guitarist with a worship team.
- Planned, organized, and scheduled rehearsals for the worship team; selected worship songs with the Spanish pastor and arranged music material for the worship service (music sheets, worship lyrics presentation).

SKILLS

Skills: Programming Languages (Python, C/C++, MATLAB/Simulink, LabVIEW) || CAD Software (Creo, Fusion 360) || Circuit Analysis/Testing (Multisim) || ECAD Software (Altium) || Mechanical Analysis || Experience in Controlling Actuators Using Sensors with Programmed Embedded Systems (Microcontrollers: Arduino, ESP32, TI MSP432) || Microsoft Office (Excel, PowerPoint)