School Address: Home Address:

Apartment #D302 8851 Silent Stream

2200 Cottage Ln. 77845 San Antonio, TX 78250

College Station, Tx

**Education**

Texas A&M University Expected Graduation: December 2021

Bachelor of Science – **Computer Engineering**

**Work Experience**

Central Catholic High School Robotics San Antonio, TX

Robotics Assistant Coach May 2017-Present

* Assist in the development of the robot and programing the robot for competition
* Present the team to parents, coaches and companies to support more sponsorship from companies

H-E-B College Station, Tx

Checker June 2018-Present

* Assist and greet customers by providing services such as bagging and assistance loading packages to their vehicles
* Provide cashiers assistance with verifying prices on products for customers
* Responsible for returning carts to appropriate area.
* Provide customer service to customers and assist locating products in store.
* Responsible for the up keep of the front of the store.

**Projects**

ECEN 248 Texas A&M April 2019

**Digital Combination Lock**

* Create a combination lock by designing a digital circuit in Verilog and uploading it to an FPGA Board

ECEN 248 Texas A&M April 2019

**Traffic Light Controller**

* Create a Traffic Light by designing a digital circuit in Verilog and uploading it to an FPGA Board

ECEN 214 Texas A&M October 2019

**Electronic Security System**

* Create a small security system that detects an interruption in the detector and triggers a detection

**Volunteer Activities**

* San Antonio Food Bank (2013-2019)
* Toys for Tots (2013-2019)
* St. PJ’s (2013-2019)
* FIRST Robotics: First Technical Advisor Assistant (2020)

**Skills**

**Microsoft:** Word, Excel, Power point

**Programming:** Matlab, Latex, C++, Python, Labview, Verilog, C#, Linux, and Java

**Lab:** Soldering, Digital Multimeter, breadboarding and Oscilloscope/Function Generator

Proficient using Analog Discover 2 for testing and FPGA board