

# Luke Garrett Loera

4295 Commando Trail  
College Station, Texas 77840

(832) 948-3002  
lgloera2023@tamu.edu

## EDUCATION

**Texas A&M University**, College Station, Texas

Expected Graduation: December 2022

*Sophomore Computer Science Major / Embedded Systems Integration Minor / Engineering Honors*

GPR: 4.0

## PROJECT EXPERIENCE

**LukitoBuildz**, Magnolia, Texas

November 2017 – Present

*Self-Employed Craftsman*

- Build specialized lighting and sign products for customers.
  - Ex: a smart mirror, engraved acrylic LED signs, an Ironman sign (incorporated a multi-piece infinity mirror, digital photograph screens, and light-diffused LED accent lighting), a modern bed, and a modern podium (link to video -- <https://www.youtube.com/watch?v=8S7S5U33odY&t> )

**Attendance Log**, C++

Spring 2020

*CSCE 121*

- Used object-oriented programming design to develop several header files and cpp definition files in order to simplify and organize the driver file
- Used primarily methods of classes to perform commands in the simple graphical interface seen by the user
- Used file streams, string streams, and strings to parse data and show formatted tables to the user

**Game of Nin**, Python

Fall 2019

*ENGR 102H*

- Used functional programming design to organize actions while also utilizing classes to embody the computer player bots
- Displayed a rudimentary graphical interface for the user in the terminal to display the decks
- Used a point system to reward moves the bot made that ended up with a win while taking away points for moves that lead to defeat

## WORK EXPERIENCE

**Chick-Fil-A**, Montgomery, Texas

May 2020 – Present

*Back of House, Team Member*

- Maximize store efficiency by organizing inventory, rotating chicken and other perishable items, and ensuring everything that was ordered was delivered
- Optimize food production and eliminate cross-contamination by making the least amount of movements possible when operating fryers and the breading table
- Assist kitchen leadership in developing new systems that will make food production and kitchen cleanliness more effective

## ACTIVITIES

**Family Legacy**, Service Organization

July 2018 – Present

- Provide vulnerable kids in Zambia with nourishment, healthcare, and education
- Reinforced selflessness and strengthened my focus on seeing a need and filling it

**TAMU Tri**, Club Triathlon Team

August 2019 – Present

- Raced and finished a full Ironman Triathlon (140.6 miles) – Less than 0.005% of the population have completed an Ironman race. *Less than 0.00001% of the population completes one at 18-years-old.*
- Develop discipline and resilience through consistent training and commitment to races

## HONORS

**National Hispanic Scholar**

October 2018

- One of 5,000 Hispanic students in the nation awarded recognition based on PSAT performance.

**TAMU President's Endowed Scholar**

December 2018

- Chosen by university committee to receive 1 of less than 300 scholarships awarded to incoming freshman based on essays, merit, and service in community.

**Houston Livestock Show and Rodeo Scholar**

April 2019

- Awarded scholarship based on essay and resume. Less than 2% of those who applied received award.

## SKILLS

- Proficient in Python, C++, HTML and CSS
- Certified in Microsoft Office (Word, Excel, PowerPoint, and Access)
- PADI Scuba Certified