

Luke Garrett Loera

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<https://lgloera2023.github.io/Portfolio-Site/>

EDUCATION

Texas A&M University, College Station, Texas Expected Graduation: December 2022
Junior Computer Science Major / Embedded Systems Integration Minor / Cybersecurity Minor
GPR: 4.0

PROJECT EXPERIENCE

Merkle Tree Project – Java – *Team Project* Fall 2020

- Constructed and implemented Merkle Tree data structure to verify data transfer
- Organized project using Unified Modeling Language (UML) and delegated classes and packages to code to enhance team effectiveness
- Demonstrate command of abstraction, inheritance, collections, generics, and socket module
- Gained experience coding as a part of a team with deadlines and progress reports

Wedding Website - HTML/CSS/JavaScript – *Individual Project* December 2020 – February 2020

- Built static website from scratch for my wedding
- Learned to use GitHub to build code remotely on local computer and commit changes to master repository
- Gained experience and discipline setting my own deadlines and working independently to get the job done
- <https://lgloera2023.github.io/lukede-wedding-site/index.html>

WORK EXPERIENCE

TAMUS Security Operations Center August 2021 – Present
Student Technician

- Investigate potential cyber threats to the Texas A&M University System generated by Vectra monitoring A.I.
- Completed 6-week technical training course in computer and network fundamentals, common ports and protocols, packet capture analysis with Wireshark, and typical protocol behavior.

ACTIVITIES

Marine Officer PLC, Officer Program, *Squad Leader* July 2020 – Present

- Prepare officer candidates in my squad for Officer Candidate School physically and mentally
- Disseminate information from Officer-In-Charge to team leaders
 - Effectively utilize chain-of-command
- Understand strengths and weaknesses of the squad
 - Identify weak areas in squad members and work with them to make it a strength

TAMU Tri, Club Triathlon Team, *Member* 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

Recon Company, NROTC Special Unit, *Black-shirt (passed selection)* January 2021-Present

- Conduct intense physical training five times a week to push mind and body in simulated special forces selection
- One of six out of original 30 green-shirts (have not passed selection) who passed the semester-long selection phase and final 12-hour field training exercise to become a black-shirt
- Developed grit and appreciation knowing you can make progress or excuses but not both

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

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- Proficient in C++, Java, Python, HTML, CSS, and JavaScript
 - Certified in Microsoft Office (Word, Excel, PowerPoint, and Access)
 - GitHub