

# Caleb Terry

[k.terry30@gmail.com](mailto:k.terry30@gmail.com)

Mobile: (903) 387 - 0597

**Languages:** C++, Python, Java, VBA

[Caleb Terry](#) | [LinkedIn](#)

Gilmer, Texas

## Education

**Texas A&M University**, College Station, Texas  
B.S. Computer Science  
B.S. Applied Mathematics  
Expected Graduation: May 2023  
GPA: 4.0

## Skills

Exceptional in Microsoft Office  
Object-Oriented Programming  
Algorithm Design & Analysis  
Data Structures  
Problem Solving

## Honors

**Eagle Scout**, Boy Scouts of America, March 30, 2017  
**Macmillan Mechanics Scholar**, Texas A&M University Physics Department, December 5, 2019

## Work Experience

- Data Analyst Intern**, Fastenal (Unpaid), Longview, Texas April 2020 – Present
- Designed Excel Macro in VBA to sort and analyze group of inventory files (macro allows task to be completed at a rate of 2 sec/file compared to the 10-15 min/file employee was requiring to do manually)
  - Analyze array of other data files to provide analysis on sales and current company inventory
- Peer Teacher**, Texas A&M College of Engineering, College Station, Texas January 2021 – April 2021
- Answer questions from students on array of topics from a multitude of Computer Science classes
  - Assist students with development of ideas throughout homework assignment
- Private Tutor**, Independent September 2020 – April 2021
- Meet with client to teach important ideas or principles they are struggling with and guide through homework assignments in Math or Physics classes
- Student Assistant**, Texas A&M College of Engineering, College Station, Texas August 2020 – December 2020
- Lead lab groups furthering students understanding of fundamental programming concepts and python problems
- Technology Department Intern**, Pine Tree ISD, Longview, Texas June 2020 – August 2020
- Cleared old iPad's and Chromebooks then set up under new domain for school district
- Head Lifeguard/Lifeguard**, City of Longview, Longview, Texas June – August, 2018 – 2020
- Supervise patrons while they are using the facility to ensure everyone's safety at all times

## Projects

### Chess Game

- Developed Chess Game in C++ to facilitate match between two opponents
- Implemented Object-Oriented Programming Techniques, including inheritance, to allow for an efficient game

### Templated Doubly Linked List Class, School Project

- Wrote Templated Doubly Linked List Class in C++ to encapsulate Records, another type created in assignment to store book data, which make up a database of Records
- Implemented terminal interface for user to interact with database to add remove, output, or input Records
- Utilized Overloaded Operators, Object Oriented Programming, and Templating to allow for a smooth transition of data from user to database

## Activities

- TAMU Water Ski Club** Texas A&M University September 2020 – Present
- Water Ski Club led and organized by students as part of TAMU Rec Sports (5-15 hr/week)
- Treasurer** March 2021 – Present
- o Handle all club transactions totaling approximately \$100,000 per year
  - o Work with other officers to schedule hotels and transportation for tournaments
- Tau Beta Pi**, Texas A&M University October 2020 – Present
- National Engineering Honor Society that recognizes students who display Scholarship, Integrity, Leadership, and Exemplary Character in all endeavors, especially Engineering

## Relevant Course Work

CSCE 221 (Data Structures and Algorithms), CSCE 222 (Discrete Structures for Computing), CSCE 312 (Computer Architecture), CSCE 314 (Programming Languages), MATH 151, 152, 251 (Calculus I, II, III), MATH 304, 423 (Linear Algebra I, II), MATH 308 (Differential Equations), MATH 409 (Advanced Calc I), STAT 211 (Principles of Statistics I)