

# Caleb Terry

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Gilmer, Texas

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

## Education

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

B.S. Computer Science

B.S. Applied Mathematics

Cybersecurity Minor

Expected Graduation: May 2023, GPA: 4.0

## Skills

C++, Python, Java, HTML/CSS

JavaScript, Git

Algorithm Design & Analysis

Object-Oriented Programming

Data Structures

## 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 for stores to find static inventory which is then moved throughout the region
- Analyze array of data files using Excel/VBA to provide crucial analysis on sales and current company inventory

**Peer Teacher**, Texas A&M College of Engineering, College Station, Texas

January 2021 – Present

- Answer questions from students on array of topics from a multitude of Computer Science classes
- Assist students in labs with assignments to practice understanding of topics discussed in lectures

**Private Tutor**, Independent

September 2020 – April 2021

- Teach important ideas or principles client is struggling with in Computer Science, 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 with python problems

## Projects

**Assembler**: GitHub (Request Access; School Project)

- Created assembler in Python to convert HACK Assembly code into HACK machine code

**HTTP Client**: GitHub (Request Access; School Project)

- Built client to download webpages given URL's utilizing sockets in C++ with HTTP GET requests

**Personal Website**: [GitHub](#) [Website Link](#)

- Utilized Bootstrap, HTML, CSS and JavaScript to create a personal website to showcase my experience

**Algorithm Explorer**: [Website Link](#) (still under construction)

- Created directory of algorithms to demonstrate how they work including various implementations

## Hackathons

**TAMUHack 2020**, [COMHAND](#)

- Implemented Google's Vision API to allow web manipulation through hand signals to computer webcam

## 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

- **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

Data Structures and Algorithms, Discrete Structures for Computing, Computer Architecture & Organization, Introduction to Computer Systems, Programming Languages, Programming Studio, Design & Analysis of Algorithms, Reverse Software Engineering, Calculus I, II, & III, Differential Equations, Advanced Calc I, Linear Algebra I & II, Mathematics of Interest, Numerical Analysis, Communications and Cryptography, Principles of Statistics I, II