

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 Methods, Communications and Cryptography, Principles of Statistics I, II