

Education:

- **Texas A&M University**, College Station, TX Fall 2014 - Present
Computer Science, Bachelor of Science
Cybersecurity, Minor
Expected Graduation: **May 2019**
GPA: **3.4/4.0**

Technical Skills:

- Programming and software:

Python	C++	L ^A T _E X	git
Linux	Windows	vim	gdb
- Computer hardware and software support

Projects:

- **Mobile App** Spring 2018
Designed and programmed the back-end of a mobile app that provided a competitive multi-player exercise plan, using `httpd`, Python, and SQLite.
- **Software Rasterizer** Spring 2018
Created a program in C++ that read a 3D model file and rendered it to a 2D image, using an orthographic projection and z-buffering.
- **Bus Route Webapp** (team of 3) Spring 2017
Designed and programmed the back-end of a webapp that interacted with Texas A&M's transportation API and mapped bus routes onto Google Maps, using Typescript.
- **Database** (team of 3) Spring 2017
Designed and programmed an SQL-like database in C++ in tandem with another team of students. Each team developed and documented a back-end, then swapped to create a front-end for the other team's back-end.

Work Experience:

- **Texas A&M Live Lab** Summer 2017
Student Developer
Worked on the video game *Variant: Prime*, an edutainment calculus game by Triseum. Responsibilities included implementation of an interactive mathematics manipulation environment using C# and the Unity game engine.
- **Teacher Retirement System of Texas, Austin, TX** Summer 2015
Technical Support Intern
Helped employees with computer- and network-related issues. Responsibilities included preparing and deploying workstations for new and existing employees, as well as monitoring ongoing computer operations and alerting appropriate staff of problems.

Honors:

- **TAMU Engineering Honors**
- Recipient of 4 scholarships funding 70% of tuition:
 - National Merit Scholar Recognition Scholarship
 - National Merit Scholarship
 - President's Endowed Scholarship
 - TAMU CSCE Industrial Affiliate Program Scholarship

Notable Awards:

- **Eagle Scout Project**: educational garden outlining ecological regions of Texas. Fall 2013