

EDUCATION

Texas A&M University - College Station, Texas

- Computer Science
- GPA: 3.6
- Major GPA: 4.0

Fall 2017 - Spring 2021

EXPERIENCE

Data Structures and Algorithms TA

Texas A&M, College Station, TX

- Lead lab sections
- Hold office hours
- Assist in the construction and grading of homework

Fall 2019

Software Engineering Intern

Trintech, Dallas, TX

- Worked on frontend using Typescript/Angular
- Worked on backend using Java EE
- Containerized IDP software using Docker

Summer 2019

IT Intern

Trintech, Dallas, TX

- Process automation using Powershell
- Wrote a plugin for a Ruby application which was used internally

Summer 2018

SKILLS

Programming Languages Java, Kotlin, Python, C++, Typescript (and Javascript)

Other Reverse Engineering, Shell scripting, Docker, Unix, Angular, Git, Object Oriented Programming

PROJECTS

Gameboy Emulator *Kotlin*

WIP Gameboy emulator - unfinished, but the CPU works

Chip8 Emulator *Kotlin*

An emulator for the Chip-8 - an old virtual machine. I got fairly far in it (it'll execute all the roms I tested properly and it has a working screen) but I made some poor decisions early on because I was still learning emulation so i've moved on to other projects.

Hack Assembler *Kotlin*

Assembler for the Hack Assembler. Built as part of the Nand2Tetris course.

TAMUctf

One of five developers for TAMUctf: a CTF competition put on by the TAMU cybersecurity center

ACTIVITIES & AWARDS

4th overall and 1st in division for TAMUctf *February 2019*

Aggie Coding Club - Project Lead

Cybersecurity Club