Teddy Heinen

theodoreheinen@gmail.com | 9034879766 | teddyheinen.com | GitHub: tcheinen

EDUCATION

Fall 2017 - Spring 2021

Texas A&M University - College Station, Texas

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

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

Software Engineering Intern

Trintech, Dallas, TX

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

IT Intern

Trintech, Dallas, TX

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

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 - in process, CPU complete

Chip8 Emulator Kotlin

An emulator for the Chip-8 - an old virtual machine.

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

Fall 2019

Summer 2019

Summer 2018