Teddy Heinen

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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   **Fall 2019**
Texas A&M, College Station, TX
- Lead lab sections
- Hold office hours
- Assist in the construction and grading of homework

Software Engineering Intern   **Summer 2019**
Trintech, Dallas, TX
- Worked on frontend using Typescript/Angular
- Worked on backend using Java EE
- Containerized IDP software using Docker

IT Intern   **Summer 2018**
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