Steven Vaught

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Github.com/svaught598 ◆ Linkedin.com/in/steven-vaught

WORK EXPERIENCE

Accessibility Specialist   Aug 2020 – *present*
SeeWriteHear, LLC; Scottsdale, AZ

- Spearhead internal web-application development - using Python, Django, and Vue.js - boosting workflows for authoring accessible content by over 300%.
- Triage development hurdles by communicating with various teams and understanding the complexities of work handled in other departments.
- Write technical documentation covering tenets of document remediation.

Graduate Physics Researcher   Aug 2018 – Jun 2020
Texas A&M University – Commerce; Commerce, TX

- Generated scripts with Bash & Python to analyze polymer fluorescence data, substantiating claims laid out in thesis and providing hundreds of results.
- Doubled productivity by accelerating integral approximations through developing a desktop application with Python.

Graduate Assistant Teacher   Aug 2018 – Jun 2020
Texas A&M University – Commerce; Commerce, TX

- Instructed/tutored in the following subjects: Quantum Mechanics, Classical Electromagnetism, University Physics 1 & 2, and General Physics 1 & 2.

SOFTWARE PROJECTS

Personal Website: www.svaught.com/ (for additional information & projects)

CHIP-8 Emulator   *Github.com/svaught598/Chip8Emulator/*
- Java implementation of the CHIP-8 virtual machine for 8-bit arcade games.
- Utilized: Java, Maven, JUnit, Swing, TDD, JSON serialization, Git

NES Emulator *In Progress*   *Github.com/Svaught598/cppNES/*
- Software implementation of Nintendo Entertainment System Hardware.
- Utilized: C++, ImGui, OpenGL 3

Markov Chain Sentence Generator *In Progress*   *Github.com/svaught598/Flaskov/*
- Website that creates stochastic models from corpus text and uses them to generate sentences.
- Utilized: Python, Flask, Pytest, Travis CI/CD, HTML/CSS, Git

SKILLS

Technology: *(Proficient):* Python, JavaScript,Vue.js, Git *(Familiar):* React.js, SQL

Softer Skills: Ability to face ambiguous problems through to completion, Lifelong learner

EDUCATION

Master of Science, Physics; GPA 3.65/4.00   May 2020
- Texas A&M University – Commerce

Bachelor of Science, Physics; GPA 3.41/4.00   May 2018
- Texas A&M University – Commerce