Alexander Thomas Fenton

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Current senior university student in Computer Science looking for post-graduation full time employment

EDUCATION

B.S. in Computer Science | Weber State University**,** Ogden UT | Expected December 2018
*Honors student with 3.82/4.0 overall GPA
A.A.S. in Computer Science | Weber State University**,** Ogden UT | April 2017

Relevant Courses Taken

Object-Oriented Programming	Scripting Languages
Computer Architecture/Organization	Network Fundamentals/Design
Web Development	Data Structures & Algorithms
ASP.Net MVC Core 2.0	Android Development
Database Design & SQL	

SKILLS / STRENGTHS

Strengths: Goal-oriented, self-motivated, persistent, organized, adaptable, quick-learner

Computer Languages:

Proficient: Git, Java, C, C++, C#, HTML, VB.Net, GML, Python
Comfortable: SQL, CSS (incl. SCSS & Bootstrap),
Familiar: PERL, Ruby, MongoDB, JS, BASH

Software: Visual Studio, IntelliJ, Photoshop, GIMP, Illustrator, Premiere, Autodesk Inventor, Blender, and the Microsoft Office Suite

WORK EXPERIENCE

Computer Science Tutor (Weber State University)
- August 2016 - Current
- **Duty:** Assist students with their Computer Science class problems. This includes programming concepts, programming procedures methods, problem solving techniques, and debugging.

Computer Science Student Grader (Weber State University)
- Fall 2016 Semester
- **Duty:** Tested student code, check for errors, and award points based soundness of code logic and the student's apparent understanding of the task.

Class Mentor Internship (Code to Success)
- Summer 2017
- **Duty:** Assisted high school students with debugging and understanding their Rails course material including the deployment of their web applications and using git.

Class Tutor Internship (Simply Coding)
- Summer 2017

- **Duty:** Assisted elementary school and junior high school students with debugging and understanding their Javascript game and Minecraft modding course material.

Newspaper Delivery (Standard Examiner)
- 2005-2015
- **Duty:** Delivered newspapers to porch (or otherwise designated area) in prime condition and on time.

NOTABLE PROJECTS

Tetris (https://github.com/Houdini111/Tetris)
- My personal version of Tetris, built from the ground up by myself in GameMaker with the goal of full customizability. Notable (currently built) features include choices between full random and "bag" random, the ability to change the game board size (via the ini), and frame-rate independence (allowing up to 144Hz).

Personal Website (https://www.houdini111.me and https://github.com/Houdini111/houdini111.github.io)
- My personal website, built from scratch by me. I used tools such as SCSS and Bootstrap during its creation. I started early September 2018 as a side project to serve as my major online presence, as a resume, and as a portfolio.

Editable Webpage (https://github.com/Houdini111/Team-MAJAB-CMS)
- A team project for my Software Engineering II course. Our team of five people were tasked with creating a website that an administrator can log into and then edit the contents of. The exact specifications were mostly left to us and we had to use Agile to make our decisions and implement them.

AWARDS, HONORS, and CERTIFICATIONS

- A.S. Degree in Computer Science
- Level 1 Full-Stack Web Development Certification
- Eagle Scout Award from the Boy Scouts of America
- Future Artists in Music (FAIM)
- Achievement In Music (AIM)