

Alyssa Leann Osten

Email: ostenal13@mansfield.edu

Portfolio of work: <https://github.com/ostenal13>

OBJECTIVE

I am hard-working and always willing to learn. I love a challenge and completing one even more. I insist on punctuality and will always complete tasks in a timely manner. I have excellent communication and teamwork skills, but am also fully capable of working alone. I am very flexible and can adjust to any conditions when given. I would relish the opportunity to work for your company.

TECHNICAL SKILLS

Java, HTML 5, C++, Visual Basic, SQL/database/MySQL, Windows Operating Systems, JUnit Testing, NetBeans IDE, git/Github version control, Eclipse/STS IDE, Linux/Ubuntu 16.04, Vi/Vim, Linux Shell Scripts, Agile/Scrum, BASIC, RPG Maker, Robotics Programming (Lego Mindstorms ROBOTC), computer hardware, Sonic Pi, Arduino Programming

PROJECTS

Letter Bugs in GridWorld

Fall 2017

Personal Project

Grid World is a case study project that was presented to students in the Advanced Placement course for Computer Science in 2014. The base setup for this project was all created by the College Board. I will be revisiting this project in the coming weeks and creating new additions in order to brush up on my basic java skills in preparation for the Java 8 Certification Exam. I am currently creating bugs that move in the shape of letters in the alphabet.

Horus versus Set

Fall 2017

Personal Project

Horus versus Set is a small game I developed in Visual Basic some time ago. It follows Horus as he battles Set in various contests as they compete for the throne of Egypt. This story is based on a myth of the same name in Ancient Egyptian mythology. The game is currently complete and fully playable, however I am working on rewriting the code so that it functions more efficiently and fixes some issues I had not caught when I first developed the game.

Dungeon Crawler Game

Spring 2016

Club Project

As part of the short Video Game Design Club, I created a game using RPG Maker temporarily called Dungeon Crawler. I handled the technical side of the project, including making the battles, shops, classes, setting experience gain rates, as well as inputting all of the designed map layouts, characters, and dialogues. I was also one of the beta testers for the project.

EDUCATION

Mansfield University of Pennsylvania GPA 3.4

August 2015 – May 2019

Bachelor of Science, Computer & Information Science (CSTrack)

Bachelor of Science, Applied Mathematics

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AWARDS, ACTIVITIES, and HONORS

Dean's List Fall 2015

Computer Science Club President (Fall 2016 – Spring 2017)

Student Government Association representative (Fall 2016 – Spring 2017)

Student Government Association IT Director (Fall 2017 – Present)

Delta Zeta Iota Theta Treasure (Fall 2016 – Present)

Delta Zeta Iota Theta Housing Chair (Fall 2016)

IBM Master of the Mainframe Competition 2015 Part 1 Complete.

MACCDC participant 2016

PACISE 2017 Robotics competition 2nd place

EXPERIENCE

Mansfield University Work Studies

PHEAA High Tech Position

2016 - Present

Handle IT work for all library systems, replace any hardware that is outdated, image and clone hard drives, etc.

Lab Monitor/Tutor

2016 - Present

Act as a tutor for underclassmen computer science majors, keep all systems up and running, troubleshoot any and all issues on State Farm lab computers, etc.

American Legion State Headquarters – Wormleysburg, PA

2016

Membership Assistant

Processed all incoming membership payments, mailed member IDs, kept American Legion databases up-to-date, assisted with annual purging of files, etc.

Asbury Bethany Village – Mechanicsburg, PA

2014 – 2016

Dietary Aide

Served meals to residents, cleaned kitchen and resident dining area, washed all dishes for a dining hall, restocked the pantry with anything the residents may need, set tables for next meal, etc.