

# Matt Fossett

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[www.github.com/MattFossett](http://www.github.com/MattFossett) 

## Interests

Strong focus on Problem Solving through Software Development and Web Development.

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## Skills

- 3 Years' Experience in Object Oriented Programming (Java and C++)
- Back-end Web Development: PHP, Python, Java, LAMP, Liferay
- Front End Web Development: JS, HTML, CSS, Bootstrap, JSON, XML
- Certified for Hardware (PC Pro) and Networking (Network Pro)
- SQL: SQLite, MySQL, Sybase
- GIT Proficiency
- Scripting with Python, Bash, Powershell
- Regular Expressions
- Functional Programming: Ocaml, F#
- Collaborative Software Development with 6-person team making UML Editor
- Experience in leadership positions, involving scheduling team members and adjusting roles based on skillsets
- Extensive experience working with customers

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## Work Experience

DECEMBER 2018 – PRESENT

### Web Development Team / Millersville University

Work with many technologies such as GIT, HTML, CSS, JS, JSON, PHP, Regex, XML, SQL, Java Spring, etc. Emphasis on expanding skills and independent research.

SEPTEMBER 2017 – PRESENT

### IT Help Desk Specialist / Millersville University

This work helps enhance problem solving, especially for IT and communication related issues.

SEPTEMBER 2018 – PRESENT

### Computer Science Grader / Millersville University

Collaborate with Dr. Nazli Hardy and Dr. William Killian to grade work. Have graded for Discreet Structures and Computational Models. Grading has given a much broader understanding of these subjects.

JUNE 2014 – AUGUST 2015

### Data Entry Clerk / FOI Business Solutions

Entered patient billing data into the computer system so the billing and Physical therapy company could both view billing status.

OCTOBER 2015 – JANUARY 2019

## **Manager / Superwok Chinese Restaurant**

The Management role includes working alone and scheduling other team members. Working in this environment has thoroughly developed customer service skills along with team building/communication skills.

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## **Education**

IN PROGRESS- EXPECTED GRADUATION DATE: MAY 2020

### **Bachelor's in Computer Science / Millersville University**

Full time student with 91 credits as of May 2019. Current overall **GPA** is **3.64** and have made the Dean's List in Spring '17, Fall '17, Fall '18, Spring '19. Explored topics on Object Oriented Programming, Data Structures, Computational Models, Discrete Mathematics, Programming Languages, Computational Architectures, Database/Web development and Operating Systems. Currently Enrolled in courses regarding Software Engineering, 3D Game Design and Artificial Intelligence.

JUNE 2016

### **Computer Information Systems Certifications / Technical College High School- Brandywine Campus**

Hands on approach that taught PC Hardware Troubleshooting and Network Configuration. Certifications include PC Pro and Network Pro earned through Testout.

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## **Activities**

### **Millersville Cyber Defense Club: 2017-2019**

Served as Secretary in 2018, which included taking minutes during meetings and managing student access to online resources. Qualified for 2018 CCDC Regionals and Placed in 6<sup>th</sup>. Duties included Windows administration by writing Powershell scripts for monitoring traffic, files, and processes, watched logs for suspicious activity, and administered "injects" which tested the status of the infrastructure. Qualified for 2019 CCDC Regionals and Placed in 6<sup>th</sup>. Duties included Team Captain by keeping the team focused, meeting with a CEO to deliver updates and take responsibility for infrastructure problems and forming a Continuity of Operations plan.

### **Millersville Coding Club: 2018-2019**

Serving as Club President for 2019-2020 academic year. This club is meant to grow problem-solving skills through local and regional competitions. Train by working problem sets each week with strict I/O standards and tight time constraints. These problems are typically solved using C++, Java or Python.

### **National Technical Honors Society**

Inducted into NTHS when graduating from Technical College High School in 2016, which is awarded to students that express outstanding performance in career and vocational training institutions across the US. **Projects**

Personal website lists most Projects with a description and code snippets. Personal Github contains many public repositories and private repositories that are still **available upon request**. These projects include Millersville Computer Science course work, Web Development Projects, simple Java classes, etc.