

Jacob M. Shodd

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Education

Westminster College

BACHELORS OF SCIENCE IN COMPUTER INFORMATION SYSTEMS

New Wilmington, PA

Aug. 2013 - May. 2017

Experience

IT Intern

TRELOR AND HEISEL

- Wrote Python scripts to automate spreadsheet manipulation
- Implemented Javascript in fill-able PDF forms
- Assisted less technical users with common issues and tasks

New Castle, PA

Aug 2016 - Current

IT Intern

THALES TRANSPORT AND SECURITY INC.

- Wrote a Powershell script to automate common Active Directory tasks
- Designed a diagram of the server room including all connection paths in Visio
- Handled all incoming help request tickets for an office of 90 employees

Pittsburgh, PA

May. 2016 - Aug. 2016

Business Owner

CONTROL ALT ELITE

- Performed various tasks including virus removal, data recovery, and hardware replacement
- Assisted customers in determining the best solutions for their needs or situations

New Wilmington, PA

Oct. 2015 - May. 2016

Penetration Tester

SENIOR CAPSTONE PROJECT

- Used tools like Metasploit, Nmap, Hashcat, BURP suite, Ettercap
- Tested systems such as NFS, VNC, Kerberos, Apache, RPC, LDAP
- Searched for vulnerabilities specific to the college Unix Lab

Aug 2016 - Current

Skills

Python • Bash • Linux • Network Scanning • SQL • Git • C++

Projects

Clojure and SmallTalk	Developed a server-side web applications in both languages to generate html and styling
Python	Created program to log guests by swiping ID cards, running on touchscreen raspberry pi kiosk
Android	Developed a full touch based maze game on the android platform for phones and tablets
Security	Designed a full security plan for a hypothetical company

Extracurricular Activity

Enactus

WEB DESIGNER

- Designing an online forum to connect local businesses with talented individuals looking for work

Westminster College

Jan. 2017 - Current

Westminster Tiny House Project

TECHNOLOGY AND NETWORKING TEAM LEAD

- In charge of leading a team in integrating the tiny home with the College network
- Coordinating with college faculty to incorporate key-card based access for the home

Westminster College

Aug. 2016 - Current