Justin D. Fousek Systems Administration and Project Management

Mobile: +1 (440) 667-4972 • Professional Email: justin_fousek@fouseknet.net
https://www.linkedin.com/in/justinfousek/ • https://www.fouseknet.net

An experienced Information Technology Professional whose passion lies in helping advance society by scaling research computing clusters, supporting, and securing sensitive information servers, and automating daily tasks to focus on problem solving. Has a proven ability to reduce labor costs through creative IT projects that not only contribute to the bottom line of the organization but contribute to the growth of project members. An inspiring teammate and project manager with excellent communication skills and leadership qualities.

Education

Non-Degree Seeking Classes towards Master of Science   January 2022 - Expected 2025
North Carolina State University, Raleigh, North Carolina

Bachelor of Science in Computer Science (Business Specialization) August 2017 – May 2021
Bowling Green State University, Bowling Green, Ohio   GPA: 3.87 & Phi Betta Kappa

Relevant Coursework

BGSU:
Network Arch. & Appl.
Programming Fundamentals
Web Appl. Development
Python for Data Science

Organization Management
Bus. / Fin. Accounting
Business Finance
Business Law

NCSU:
CSC 570 – Computer Networks
CSC 573 – Internet Protocols
CSC 574 – Comp. & Net. Security
CSC 547 – Cloud Computing Arch.

Professional Experience

Research Systems Administrator, June 2021 - Present
Lineberger Comprehensive Cancer Center @ UNC, Chapel Hill, North Carolina [**NCI Designated]**
- Created an Automated IPAM, DCIM, and VM Management Solution using NetBox, Bash, and Ansible
- Created an Automated License Management Systems using Snipe-IT and PowerShell
- Installed and Configured new Windows & Linux servers in the data center
- Performed a full vmware Migration for 82 vms to new servers to double ram and CPU
- Remediated security concerns for 96 websites using Crowdsec and custom End-Of-Life Reports
- Created many scripts to automate tasks within our group saving ~4 hours per month

Infrastructure LifeCycle Management Intern, May 2020 - August 2020
Eaton Corporation, Cleveland, Ohio **[Forbes World's Most Admired Companies 2020]**
- Supported and drove project actions to develop a License Management Solution
- Created PowerShell Automation Scripts to gather licensing data, saving 3 hours monthly

Network Engineering Intern, May 2019 – August 2019
Marathon Petroleum Corporation, Findlay, Ohio **[Fortune 500, 2019, #31]**
- Managed default configuration templates for 6 different types of Cisco devices
- Created management networks at the Marathon Data Centers for the new Cisco ACI gear
- Assisted in merging the Marathon Petroleum and Andeavor networks

IT Help Desk Intern, May 2018 – September 2018
Union Home Mortgage (UHM), Strongsville, Ohio **[Inc. 5000, 2018]**
- Trained new partners around the country in using our IT Services remotely and on-site
- Created a process for collecting and distributing equipment from terminated and new partners

Technology Support Employee, January 2018 – May 2021
Information Technology Services BGSU, Bowling Green, Ohio
- Trained employees on the Help Desk to support clients with their hardware and software needs
- Created a Random Password Generator for Mac / PC to assist in over the phone password resets
- Created reports to evaluate the possibility of eliminating paper testing to cut costs for the university
- Transitioned to Hardware Support to support Apple and Dell hardware for clients and the university

Core Competencies

- Automation Scripting
- vmware ESXi / vsphere
- RHEL / CentOS / Rocky
- NetApp
- Cisco IOS / TCPIP
- OS X / Windows Server

- Ansible, Bash, Batch, C++, CSS, HTML, JS, MySQL, PowerShell, Python, VBA
- License Management
- Outcome Realization

- Customer Service
- Leadership
- Organizational Skills
- Problem Solving
- Project Management
- Time Management

Projects

Personal Server Lab

A TrueNAS Scale Custom Server for Redundant File Storage, Media Server Hosting, and On-Demand Virtual Machines; A pfSense Custom Firewall running multiple VLANs, Rules, Port Forwarding, and OpenVPN with 10 Gbps Fiber; 2 Managed Switches for faster L2 Delivery; An Ubiquiti Wi-Fi 6 AP hosting multiple SSIDs

Personal Website

My website, fouseknet.net, runs on a Rocky Linux 8 Server running Apache and PHP 8.1. I use this website to practice PHP, HTML, and CSS. This server is regularly patched and used to test LAMP stack capabilities.

Certifications

Apple

Service Fundamentals	*February 26, 2020*
Device Certifications	*September 2020*

Bloomberg

Bloomberg Market Concepts (BMC)	*November 28, 2020*

CompTIA

A+	*May 8, 2017*

Dell

TechDirect Client / Enterprise	*May 20, 2020*

Microsoft Technology Associate (MTA)

Cloud Essentials	*March 2, 2017*
Security Essentials	*November 7, 2016*
Mobility and Device Fundamentals	*March 15, 2016*
Windows Server Administration	*December 10, 2015*
Networking Fundamentals	*December 4, 2015*
Windows Operating System Fundamentals	*November 12, 2015*

Internet and Computing Core GS4 (IC3)

Extracurricular Experiences

Study Abroad – *University of Essex, Colchester, England*   October 2018 – December 2018

Awards Received

Boy Scouts of America (BSA)

Eagle Scout	*August 2014*

Phi Beta Kappa   April 2021

Business Professionals of America (BPA)

Advanced Interview Skills – Top 10 National Level	*May 2017*
Advanced Interview Skills – 2nd Place State Level	*March 2017*
Network Design Team – Top 10 State Level	*March 2016*

Capsim Business Simulation

Capsim is an online business simulator that allows participants to compete in managing multi-million-dollar companies based on different financial factors such as net profit, market share, and many others.

BGSU Business Accounting – Class: 1st / All Classes: 3rd	*December 2019*