TYLER BURLESON
CLOUD SECURITY ENGINEER AND DEVELOPER

CONTACT

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PORTFOLIO

https://github.com/SinisterShock/Code-Experience

KEY SKILLS

Adaptability
Communication
Responsibility
Leadership
Programming- C#, Java, Python, Flask, Blazor, Jinja, PHP, SQL, NOSQL, PL/SQL, Xamarin, JavaScript
Automation Scripting- PowerShell, Batch, Python
System Administration - Hyper-V, Proxmox, Docker-Portainer, AS400, NetGear Switches, Dell PowerEdge
Cloud Computing and RMM-
AWS- EC2, IAM
Azure- Active Directory, Exchange
Tanium
NinjaRMM

EDUCATION

BS in Computing-Information Technology • Expected May 2024
East Tennessee State University
Johnson City, Tennessee
GPA-3.72

HONORS-
Dean's List (August 2022 – May 2023)
CBAT Andrew Leadership Academy
Academic Performance Scholarship
Johnson City Lions Club Scholarship

PROFILE

I am an analytical, energetic, and security-oriented individual seeking a full-time cloud engineering or development position. I enjoy travelling and looking for a fast-paced team environment after May 2024.

EXPERIENCE

INFORMATION TECHNOLOGY ANALYST INTERN • MAY 2022 – AUGUST 2022, JUNE 2023 – AUGUST 2023

Weinig-HolzHer USA • Mooresville, North Carolina

- Our team was tasked with re-establishing a multisite network crash that affected users and manufacturing equipment. My duties were to help scan the network switch, firewall configurations, and troubleshoot ethernet connections. I assisted by scanning configuration files and ensuring that our VLANS were properly assigned. This led to the team recreating the switch configuration files and the network being restored in all locations.
- Our Canada location was using an experimental server to connect their inventory with our AS400 in Mooresville, NC. I was tasked with creating a solution to alert our team when the software encountered an issue. I created a PowerShell script linked to the windows task scheduler that would send an email alerting our IT team. My manager was satisfied with my work and the solution worked effectively in the production environment.
- We needed a solution to track and manage assets being distributed by the IT department. My task was to find and host a solution to be used by multiple users anywhere in the Mooresville location. I created an Ubuntu virtual machine to host an asset tracker called "SnipeIT" on an Apache server. Once completed my server was pushed to production and my coworkers were satisfied with the efficiency of the solution.
- We had an outdated Microsoft Access 2003 application that managed our grinding department's orders. My task was to create a solution to migrate the data and host it on the current ERP system. I conducted an ETL on the database and moved it to the SQL server. Once this was complete, I created a Python-Flask application that replicated the old solution to prepare it to be migrated to the ERP system. My

National Society of Leadership and Success
Esports Player & Captain Scholarship
Phi Theta Kappa Honor Society

COURSES & STUDIES-
Unix Fundamentals
Enabling Business with IS
Database Advanced Topic
Networking Fundamentals
Server-Side Web Programming
Info Security and Assurance
PC Setup and Maintenance
Software Engineering 1
Advanced Topics in Web Development
AWS Cloud Practioner
Ethical Hacking with Kali Linux

**AAS in Computer Science-
Programming** • May 2022
Northeast State Community College
Blountville, Tennessee
GPA-3.66

HONORS-
President's List (January 2021 – May 2022)
K. Howard Collins Memorial Scholarship
Phi Theta Kappa Honor Society

COURSES & STUDIES-
Intro to Networking
Intro to Programming and Logic
Beginning HTML and CSS
Database Concepts
Computer Science 1 & 2
Intro to Scripting Languages
Client-Side Programming JavaScript
Android App Development
Assembly & Computer Organization

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manager was satisfied with my progress and my coworkers appreciated my documentation to prepare them to continue development.

WEB AND APPLICATION DEVELOPER • AUGUST 2022 – AUGUST 2023

Freelance Work • Remote

- My client requested a website on Squarespace to advertise and manage their therapy business. I was tasked with creating an elegant design for their services and personal therapist sites. I created a multi-page website that displayed their team, service, location, and how to schedule an appointment with a desired therapist. My client was satisfied with the results and plans to use it as their main site.
- The client requested a Discord bot to respond to user commands and advertise their twitch stream. My task was to create the source code for my client to host on their server. I wrote the application in Python using the Discord API. The bot was able to handle commands that answered questions about the client and direct users to designated services. The client was satisfied with the results and immediately pushed the bot to the production server to be used with their community.

STUDENT DEVELOPER • JANUARY 2022 – MAY 2022

Kintronic Labs Inc. • Bluff City, Tennessee

- Our client needed to upgrade their theoretical radio propagation software since their existing solution only functioned on a 32-bit version of Windows XP. My duties were to assist our team develop a rapid prototype application that accepted user input and generated a model of the AM radio signal. In addition to translating FORTRAN and C++ to Python, I led multiple teams and helped explain how the application model functioned in accordance with FCC guidelines. Once we reached our deadline, the client and board of the college were satisfied with the prototype and presentation.

PROJECTS

PROXMOX SERVER • June 2023

- I wanted to experiment with a hypervisor called Proxmox. My task was to find a machine and configure it to host the operating system. I took an old HP workstation I had and wiped it to run the OS. I used this server to teach myself Docker and currently use it to host my Plex server and other containers.