

# TYLER BURLESON

## CLOUD SECURITY ENGINEER AND DEVELOPER

### CONTACT

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### KEY SKILLS

**Adaptability****Communication****Responsibility****Leadership**

**Programming-** C#, Java, Python, Flask, Blazor, Razor, HTML, CSS, Jinja, PHP, SQL, NOSQL, PL/SQL, Xamarin, JavaScript

**Automation Scripting-** PowerShell, Batch, Python

**Network Maintenance and**

**Management-** Hyper-V, AS400, NetGear Switches, Fonality VOIP Server, Dell PowerEdge, QNAP

**Cloud Computing and RMM-**

AWS- EC2, IAM

Azure- Active Directory, Exchange  
NinjaRMM

### EDUCATION

**Ba 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)

Hope Scholarship

Academic Performance Scholarship

Johnson City Lions Club Scholarship

National Society of Leadership and  
Success

### PROFILE

I am an analytical, energetic, and security-oriented individual seeking a full-time cloud engineering or development position. I am unopposed to travel and looking for a fast-paced team environment in Tennessee, North Carolina, or remote after May 2024.

### PORTFOLIO

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

<https://www.linkedin.com/in/tyler-burleson-46589319a/>

### EXPERIENCE

#### INFORMATION TECHNOLOGY ANALYST INTERN • JUNE 2023 – AUGUST 2023

Weinig-HolzHer USA • Mooresville, North Carolina

- Provided Technical Support for hardware, software, and network issues across USA and Canada.
- Managed Servers: Hyper-V, Dell PowerEdge, QNAP
- Managed users in Azure: Active Directory, Exchange
- Created PowerShell Scripts to alert when an experimental server had crashed or encountered an issue.
- Established and configured an Apache web server to host an asset tracker for IT equipment.
- Created a Python-Flask application to migrate an outdated application to the current ERP system.
- All my projects were successful and received good reviews from Managers and coworkers.

#### WEB AND APPLICATION DEVELOPER • AUGUST 2022 – AUGUST 2023

Freelance Work • Remote

- Designed and configured webpages hosted on Squarespace such as Therapy and Esports promotion websites.
- Developed a variety of Discord bots depending on the clients desired commands.
- Created HTML/CSS overlays for esports live streams.
- All my clients have been happy with the end products, accurate completion timelines, and customer service.

#### INFORMATION TECHNOLOGY ANALYST INTERN • MAY 2022 – AUGUST 2022

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)  
Hope Scholarship  
Tennessee Promise 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  
Programming Capstone (Internship)

Weinig-HolzHer USA • Mooresville, North Carolina

- Provided Technical Support for hardware, software, and network issues across USA and Canada.
- Managed users in Azure: Active Directory
- Onboarded employee with new devices and software.
- Managed Fonality VOIP server and web portal.
- Assembled and configured temporary workstations for users to test a new AS400 UI.
- Reset the Paxton entry system to allow access to the developer panel.
- Connected select SIP phones in the Paxton developer panel to allow users to buzz people in the building.
- Developed and integrated a python module into the ERP system.
- Created standardized documentation of the internal network, department positions, and department software access.
- All my projects were successful and received good reviews from Managers and coworkers.

### **STUDENT DEVELOPER • JANUARY 2022 – MAY 2022**

Kintronic Labs Inc. • Bluff City, Tennessee

- Assisted leading multiple teams to develop a rapid prototype of a theoretical radio propagation application.
- Researched FCC guidelines and regulations for international AM radio towers.
- Translated FCC provided FORTRAN and client C++ into python.
- Presented the application to the client and board of the college. The client and board were satisfied with the project, which led the framework to be used in the following capstone class.

## **PROJECTS**

### **QNAP PROXMOX SERVER • June 2023**

- Wiped a QNAP TVS-473e NAS and installed Proxmox as the operating system.
- Configured the server to host multiple virtual machines.
  - Ubuntu web server hosting Apache
  - Windows 10 Pro- Minecraft server
  - Ubuntu 20.04 Desktop- Discord bots

### **DISCORD ROCKET LEAGUE BOT • January 2023**

- Designed and developed a discord bot in Python while experimenting with ChatGPT to teach me how the Discord API functioned.
- Handled player queues and team creation.
- Allowed team editing and balancing from administrators.
- Managed a leaderboard of player victories