

Seth Stemen

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EXPERIENCE

BUCKEYE AUTODRIVE TEAM | VEHICLE INTEGRATION

DEVELOPER

August 2024 - Present | Columbus, OH

- Performed cybersecurity research using packet capture and reverse engineering tools (Wireshark, JADX)
- Developed a custom HMI (Human Machine Interface) to be used in an autonomous vehicle via Kotlin and Android Studio
- Designed the HMI to communicate over the CAN bus to coordinate and facilitate autonomous driving

OHIO STATE UNIVERSITY DEPARTMENT OF ATHLETICS |

IT HELPDESK INTERN

August 2023 - Present | Columbus, OH

- Troubleshoot helpdesk tickets concerning network deployment and management, in addition to the imaging and deployment of new systems for athletics staff and coaches
- Utilize DHCP, Active Directory, and remote management software to control access to the network and systems. Exposure to CrowdStrike, JAMF, Teamviewer, NinjaOne RMM, and NetAlly network testing suite
- Trained new employees

NEW ALBANY COUNTRY CLUB | LEAD WELCOME SITES

ATTENDANT

September 2020 - January 2023, May 2023 - August 2023 | New Albany, OH

- Managed staff, created schedules, trained new employees and developed a comprehensive training manual to optimize operations
- Designed and maintained databases for office logistics and inventory tracking
- Recognized with Employee Spotlight Award for outstanding contributions (March 2022)

PROJECTS

2D VIDEO GAME | SCRUM MASTER

August 2024 - December 2024 | Columbus, OH

- Created a custom adaptation of Vampire Survivors in C#.NET utilizing the MonoGame engine
- Led a small development team to facilitate effective utilization of the Agile methodology to maximize feature development during sprints

HOMELAB

January 2024 - Present | Columbus, OH

- Configured a server for remote access via VPN to facilitate remote file transfer and SSH access
- Configured VirtualBox to be used as a penetration testing lab with a DHCP server and multiple vulnerable virtual machines

EDUCATION

OHIO STATE UNIVERSITY

BACHELOR OF SCIENCE IN

COMPUTER SCIENCE AND

ENGINEERING WITH MINORS IN

INFORMATION SECURITY

Expected Dec 2025 | Columbus, OH

Dean's List (Autumn 2021, Spring 2022,

Spring 2024)

Cum. GPA: 3.31 / 4.0

ASSOCIATE OF ARTS

May 2024 | Newark, OH

CERTIFICATIONS

FOUNDATIONAL C# WITH

MICROSOFT

Issued by: FreeCodeCamp

ID: sethstemen-fcswm

SKILLS

PROGRAMMING

3+ years:

Python • C/C++ • Java • Matlab

1+ years:

C# .NET • x86 Assembly

TECHNOLOGY

Git/Github • Arduino/ESP8266 •

Raspberry Pi • Linux/Metasploit

Framework

Microsoft Office Suite • Windows •

DHCP

Active Directory

CLUBS/COMPETITION

APPEARANCES

BuckeyeCTF Participant: 2022 • 2023 • 2024 (9th Place - Undergraduate Division)

Buckeye Programming Competition: 2024

Ohio State Cybersecurity Club

Competitive Programming Club

Athletic Band

LINKS

Github:// [ThrowSet](#)

LinkedIn:// [SethStemen](#)

Website:// [sethstemen.com](#)