

# Seamus Hennigan

Cybersecurity student at Johnson & Wales University, pursuing a B.S. in Cyber Threat Intelligence & Defense (Graduating May 2028). Treasurer of the National Cybersecurity Student Association, coordinating events and managing organizational resources. Passionate about network defense, cloud security, and malware analysis. Experienced with Python, SQL, C, Linux, and penetration testing tools including networking tools and environments like Wireshark, Cisco IOS. Currently developing the *Signal-Keylogger* project to explore secure communication, encryption, and real-time data monitoring. I am dedicated to advancing modern cybersecurity practices and contributing to secure infrastructure solutions.

## EXPERIENCE

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**Johnson & Wales University**, Providence, RI

**January 2026**

### **Assistant Network Technician**

- Supported campus network operations by ensuring reliable end-user connectivity and overall system performance.
- Responded to service desk tickets related to both data and voice networking issues.
- Diagnosed and resolved wired and wireless network problems, including testing and troubleshooting data jacks and Wi-Fi access points.
- Configured network switches, access points, and end-user devices to meet university standards.
- Maintained network closets, ensuring organized cabling, proper equipment function, and clean environment.
- Patched network jacks into appropriate switch ports during new deployments or troubleshooting.
- Installed, configured, and tested VoIP phones, headsets, and related hardware.
- Replaced faulty or degraded networking equipment across campus as needed.
- Assisted with large-scale campus networking initiatives, including upgrades, new installations, and access-point rollouts.

## PERSONAL INFO

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Cumberland, Rhode Island

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<https://github.com/Seamus-Hennigan>

## PROFESSIONAL SKILLS

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### Languages:

Python, C, SQL

### Operating Systems:

Kali Linux, Ubuntu, Arch, Windows 10-11

### Networking:

Cisco, Putty, Wireshark

### Cloud Environments:

Microsoft Azure

### Security Tools:

Ghidra, John the Ripper, Hashcat, Burp suite, Nmap, Metasploit

### Command-Line Environments:

Cisco IOS Command Line interface, Windows Command Prompt, Linux Terminal (Bash/Zsh)

### Databases:

MySQL

### Platforms:

PC

### Virtualization:

VirtualBox, VMware

### Repository System:

GitHub

### IDE:

Visual Studio, Windows PowerShell ISE, PyCharm, MySQL Workbench

## EDUCATION

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**Johnson & Wales University,**

**Providence, RI**

**Bachelor of Science in Cyber Threat Intelligence & Defense**

**Expected Graduation: May 2028**

**Involvement: Treasurer, National Cybersecurity Student Association**

## Projects

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### **Signal-Keylogger(2024-Present):**

- Developing a custom keylogger application in Python/PyQt5 with SSL-secured client-server communication
- Implemented real-time monitoring of multiple clients with a GUI for displaying Keystroke, system info, and geolocation data
- Engineer to highlight the interaction of encryption, client-server protocols, and user interface design

