# Andrei Gorlitsky

Cybersecurity Professional | Networking, System Security & Digital Forensics

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## EDUCATION

### Champlain College – Burlington, VT
*(Expected Graduation: 2026)*

Bachelor of Science (B.S.) in Cybersecurity

I am a senior at Champlain College pursuing a B.S. in Cybersecurity with a focus on ethical hacking, digital forensics, and security automation. Skilled in Python scripting, penetration testing, and forensic analysis with tools such as Kali Linux, Autopsy, Splunk, and Wireshark. Coursework includes Digital Forensics & Incident Response, Ethical Hacking, Cyber Threat Intelligence, and Security Scripting. Active in the Cybersecurity Club and Capture The Flag (CTF) competitions, applying skills in penetration testing, exploit development, and malware analysis.

## EXPERIENCE

### Leahy Center for Digital Forensics & Cybersecurity
*08/2024 - Present*

IT Engineer

- Manage and secure IT infrastructure supporting cyber labs and forensic environments.
- Conduct forensic investigations using Autopsy, FTK Imager, and Volatility to analyze security incidents.
- Deploy and configure virtualized networks for penetration testing and digital forensics research.
- Develop Python scripts to automate forensic data collection, malware detection, and log analysis.
- Monitor traffic and system logs to assist in incident response and threat detection.
- Document forensic procedures and collaborate with professionals to evaluate emerging cyber threats.

### Pawling Central School District: Pawling, New York; Technology Systems Director- Mr. Christopher Quinones (845) 855-4650
*Summer 2021/Summer 2022/Summer 2023 - December 2023 (full-time IT Assistant was needed)*

Information Technology (IT) Assistant

- Served as first-line help desk support, resolving hardware, software, and connectivity issues for staff and students.
- Configured and troubleshot user accounts, system access, and classroom technology to minimize downtime.
- Rewired Ethernet and maintained switches/routers to restore secure network connectivity across the district.
- Assisted with server room operations, gaining exposure to enterprise networking, access control, and data protection.
- Supported district-wide OS updates and patching to ensure compliance and secure system performance.

### TECHSOLUTION2U: Pawling, New York
*3/2021 - present*

Self-Employed

- Build and configure custom gaming, workstation, and homelab systems for performance and security.
- Design and manage homelab networks for virtualization, penetration testing, and security research.
- Harden and upgrade client systems to improve reliability, data protection, and cyber defense.
- Provide secure data migration, backup solutions, and recovery planning for end-users.
- Prototype Internet of Things (IoT) devices for testing automation and security risks.

### Vermillion Digital Marketing: Pawling, New York
*11/2023 - present*

Self-Employed

- Built and optimized client websites with strong focus on security, reliability, and performance.
- Implemented SEO strategies and analytics to improve local visibility and online traffic.
- Self-hosted web servers and managed backups to ensure secure and consistent uptime.
- Collaborated with medium sized businesses to develop branding, content, and online growth strategies.

## CERTIFICATIONS

CompTIA Security+ | CompTIA A+ | Google Cybersecurity Professional Certificate | Cisco CyberOps (Planned)