



Andrei Gorlitsky

Aspiring Cybersecurity Professional | Skilled in Networking, System Security, and Digital Forensics | Seeking Entry-Level or Internship Opportunities

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EDUCATION

Champlain College – Burlington, VT

(Expected Graduation: 2026)

Bachelor of Science (B.S.) in Cybersecurity

Currently in my second semester at Champlain College, pursuing a degree in Cybersecurity with a focus on ethical hacking, digital forensics, and security automation. Recognized as an advanced student in Python scripting for cybersecurity, penetration testing, and digital forensics, with hands-on experience using industry-standard tools like Kali Linux, Autopsy, Splunk, and Wireshark. Completed coursework in Digital Forensics & Incident Response, Ethical Hacking, Cyber Threat Intelligence, Security Policies & Risk Management, and Security Scripting with Python. Active member of the Cybersecurity Club and participant in Capture The Flag (CTF) competitions, applying penetration testing techniques and malware analysis in simulated attack environments.

State University of New York (SUNY) Westchester

Transferred to Champlain College, 8/2024

Associate of Applied Science (AAS) in Cybersecurity and Networking
(48/63 credits completed)

Completed Program Courses- Computer Hardware, Networking for Business, Information Technology (IT) Essentials, Computer Information Systems, Object Oriented Programming Logic, PC Operating Systems, Database Management Systems, and Server Administration (Cumulative G.P.A., 3.9)

Recipient of Robert R. Wiener Cybersecurity Scholarship. Served as the Vice President of the Cybersecurity Honor Society, an elected officer of the Senate (Student Government Association) for Finance and Involvement Committees, and a student liaison at open houses for prospective students interested in the Cybersecurity and Networking program

Pawling High School

June 2023

HS Regents Diploma

Inducted into the National Honor Society (Pawling High School) & the National Technical Honor Society (Putnam/Northern Westchester Boards of Cooperative Educational Services, PNW BOCES). Earned Scholarship for Educational Excellence in Microcomputers (top in program). Awarded the Farrell-Troutfetter Stem Award. Qualified for Honor Roll throughout HS (including High and Principal). Graduated with a 4.0+ GPA. Participated in a two-year Microcomputer Technology program at BOCES- Computer Repairs, Software Development, Networking and Cybersecurity (9 college credits). Served President/Vice President officer positions for SkillsUSA. Attended GenCybersecurity Boot Camp, sponsored by the National Security Agency & the National Science Foundation, Summer 2022 (SUNY Westchester). Placed second in SkillsUSA Regional Competition (February 2023). Placed 4th in SkillsUSA States Competition (April 2023). Offered a Dean Scholarship for the Cybersecurity & Networking program (Champlain College).

EXPERIENCE

Leahy Center for Digital Forensics & Cybersecurity

08/2024 - Present

IT Engineer

- Manage and maintain the Leahy Center's IT infrastructure, ensuring secure and efficient operation of cybersecurity labs and forensic analysis environments.
- Deploy and configure virtualized environments for cybersecurity research, penetration testing, and digital forensics investigations.
- Conduct forensic analysis using industry-standard tools like Autopsy, FTK Imager, and Volatility to investigate data breaches

and security incidents.

- Assist in incident response operations, monitoring network traffic and analyzing system logs for potential security threats.
- Develop and refine Python scripts for automating forensic data extraction, log analysis, and malware detection.
- Provide technical support for students and faculty, troubleshooting hardware, software, and network-related issues in a controlled cyber-lab environment.
- Document findings and best practices for forensic investigations and IT security implementations.
- Collaborate with cybersecurity professionals and researchers to test and analyze emerging threats, contributing to real-world security solutions.

Vermillion Digital Marketing: Pawling, New York

11/2023 - present

Self-Employed

- Improves clients' local online media marketing with Search Engine Optimization (SEO), branding, website designs, market research, business profiles and backups
- Creates locally relevant content and builds local backlinks
- Encourages and manages online reviews
- Engages with the community on social media
- Runs geo-targeted advertisements
- Regularly monitors performance and adjusts strategies based on analytics to drive local traffic and grow customer base
- Self Host Webservers
- Provide Advanced Marketing Strategies for many companies

TECHSOLUTION2U: Pawling, New York

3/2021 - present

Self-Employed

- Builds custom gaming/workspace computers
- Repairs and updates old(er) computers
- Data transfers
- Designs logos using Photoshop
- Provides Internet and technology support
- Installs technology and multimedia devices
- Conducts drone photography for local companies and affairs
- Designs and develops Discord Servers (founder of a Discord Server with over 700,000 international members)
- Create IOT (Internet Of Things) Devices

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

- Employed part-time, hours assigned around full-time college studies
- Migrated, upgraded, and deployed school district devices
- Unpacked, imaged, and configured Chromebook and iPad Management of 200+ mobile devices
- Loaded OS for new iPads and Chromebooks
- Installed "Administration" on new Chromebooks
- Reconfigured teachers' media and technology mobile device carts/stations, including projectors (smart board), computers and printers
- Moved specialized desktops
- Assessed software compliance
- Upgraded software applications
- Recycled devices
- Rewired ethernet (network) cables
- Received and resolved help desk requests
- Entered data for the school district's school calendar
- Set up media and technology on faculty/staff development days
- Participated in staff development workshop on Artificial Intelligence (AI)
- Shadowed the director across the elementary, middle and high schools (server rooms, assisting staff, consultations)

-Completed assignments based on developing strategic leadership skills, as well as the ability to provide effective and engaging technology experiences for both staff and students

Imagine Virtual Reality (VR) Gaming Studio: Jefferson Valley Mall, Yorktown, New York; Owner- Mrs. Nilda Petrov (914) 969-0405

9/2021 - 3/2023 (store closed)

VR Gaming Coordinator

- Provided a short demonstration for guests on how to safely ride the motion simulators and use the VR headsets and controllers
- Interacted, educated and immersed guests in virtual reality worlds and experiences
- Managed a Point-of-Sale register system- cash, counting money & credit card processing
- Maintained the cleanliness of the virtual reality rides, gear and game lounge
- Ran and hosted birthday parties and special events (set up, served refreshments, and cleaned up)
- Maintained and operated concession stand
- Fixed VR systems and computers based on Help Desk requests
- Greeted guests and handled incoming and outgoing correspondences
- Performed store opening and closing duties
- Trained and mentored newly hired employees

SKILLS

Cybersecurity & Digital Forensics

- Penetration Testing & Ethical Hacking: Proficient in Kali Linux, Metasploit, Nmap, and Burp Suite for vulnerability assessments.
- Digital Forensics & Incident Response: Experience with Autopsy, FTK Imager, Volatility, and Wireshark for forensic analysis and security investigations.
- Threat Hunting & Log Analysis: Skilled in SIEM tools (Splunk, ELK Stack), Windows Event Logs, and Syslog analysis for detecting security incidents.
- Network Security & Infrastructure: Configuring VLANs, VPNs, firewalls (pfSense, VyOS), and monitoring tools for enterprise security.
- Endpoint Security & Malware Analysis: Implementing antivirus solutions, malware detection, and security hardening for system protection.

Networking & System Administration

- System Administration: Managing Windows Server, Active Directory, and Linux-based security configurations.
- Cloud Security & Virtualization: Working knowledge of AWS, Azure, VMware, and VirtualBox for cloud security and virtualized environments.
- Technical Support & IT Engineering: Experience in troubleshooting, device imaging, and IT asset management in enterprise settings.

Security Scripting & Automation

- Python & PowerShell: Writing scripts for security automation, log analysis, and system hardening.
- Bash Scripting: Automating cybersecurity tasks and system administration processes.

Leadership & Communication

- Team Management & Technical Training: Experienced in leading teams, mentoring, and conducting cybersecurity awareness training.
- Documentation & Reporting: Strong technical writing skills for security reports, forensic investigations, and compliance documentation.
- Public Speaking & Presentations: Ability to explain complex cybersecurity concepts to both technical and non-technical audiences.

Certifications

- CompTIA Security+ (Earned)
- CompTIA A+ (Earned)
- Google Cybersecurity Certificate (Planned)
- Cisco CyberOps Associate (Planned)
- AWS Certified Cloud Practitioner (Planned)

EXTRA SKILLS

Professional & Personal Strengths

- **Quick Learner & Adaptable:** Able to rapidly absorb new technologies, tools, and concepts, excelling in dynamic environments.
- **Problem-Solver & Critical Thinker:** Strong analytical skills with a solution-oriented mindset, especially in high-pressure situations.
- **Leadership & Teamwork:** Experienced in managing teams, mentoring others, and fostering collaboration in technical and professional settings.
- **Effective Communicator:** Skilled at explaining complex concepts, writing documentation, and delivering presentations to diverse audiences.
- **Strong Work Ethic & Self-Motivated:** Highly disciplined, goal-driven, and able to take initiative in both independent and team-based projects.
- **Creative & Strategic Thinker:** Ability to approach challenges with innovative solutions and a logical, structured approach.
- **Tech Enthusiast & Innovator:** Passionate about emerging technologies, cybersecurity trends, and continuous self-improvement in IT fields.
- **Detail-Oriented & Organized:** Excellent time management, multitasking, and ability to handle multiple projects efficiently.