Tate Byers

Cybersecurity & IT Specialist | Expertise in Network Security, Programming, and Penetration Testing

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Set to graduate in October 2025 with a Certificate in Network Administration and Security, maintaining a 4.0 GPA. With hands-on experience in building, repairing, and troubleshooting computers and electronics, I have developed strong technical skills in hardware, software, and client solutions. Actively engaged in platforms like TryHackMe, I specialize in programming, software development, web development, ethical hacking, penetration testing, and network security. I am pursuing industry certifications such as CompTIA Linux+, Security+, Network+, CCNA, and CEH to further enhance my expertise. My background includes experience in Linux, Cisco technologies, wireless networking, Microsoft administration, server software, virtualization, cloud computing, and encryption technologies. I am proficient in HTML, CSS, Python, and JavaScript, with a continuous focus on learning new languages such as C# and C++. I can operate and understand Wireshark, Nmap, Metasploit, John the Ripper, Burp Suite, Aircrack-ng, Nikto, Hydra, and other Linux-based tools. I aim to start my career in cybersecurity or programming, including software development (front-end, back-end, or full-stack), whether for app, web, or software development. These are my main interests.

Willing to relocate: Anywhere

Work Experience

Owner/Tech Solutions Specialist

L&L Tech Solutions-British Columbia

September 2022 to December 2024

• Provided technical support and repair services for customers, including building custom PCs, repairing game consoles, and troubleshooting various small electronics with a focus on delivering exceptional service and meeting client-specific needs.

• Diagnosed and resolved hardware and software issues for a wide range of devices, ensuring optimal performance and customer satisfaction.

• Performed system upgrades and optimizations, including installing and configuring operating systems, drivers, and software, to enhance functionality and reliability.

• Assisted clients with data recovery services, including retrieving lost files, repairing corrupted data, and implementing solutions to safeguard data against future loss.

• Designed, updated, and maintained websites and mobile applications, utilizing modern tools and frameworks to ensure functionality, usability, and aesthetic appeal.

• Provided regular system updates and upgrades, including firmware, security patches, and feature enhancements, to improve performance and address vulnerabilities.

• Gained hands-on experience in network configuration, security implementation, and IT troubleshooting, with expertise in Linux-based systems, Cisco technologies, and cybersecurity protocols.

• Applied ethical hacking practices, such as password recovery, resetting forgotten passcodes, and bypassing device lockscreens in a secure and authorized manner, helping clients regain access to their devices/Accounts.

• Collaborated with customers to assess their technology needs, offering tailored solutions for hardware, software, and network improvements to enhance their overall IT environment.

• Maintained detailed records of repairs, services, and customer interactions, ensuring clear communication and timely updates throughout the service process.

• Developed strong problem-solving skills, customer service expertise, and meticulous attention to detail, ensuring all work met the highest professional standards.

• Expanded technical knowledge in emerging fields such as ethical hacking, website and mobile application development, contributing to a broader range of services and solutions for clients.

Owner/Practioner

Serene Touch Mobile Massage-Kelowna, BC

June 2019 to October 2024

• Supervised daily operations and a team of movers.

• Developed and maintained positive client relationships.

• Implemented sales strategies that contributed to company growth.

• Managed moving and cargo operations, including logistics planning and execution.

• Supervised a team of movers and drivers, ensuring timely and safe deliveries.

• Maintained client relationships and handled customer service inquiries.

• Managed truck inventory, including moving equipment, dollies, blankets, straps, tools, and more.

• Handled payments, upsold customers on extra services, and sold moving services.

Heavy Equipment Operator/Labourer

Site Energy Services-Fort McMurray, AB

August 2013 to August 2018

• Operated heavy equipment including excavators, bulldozers, and loaders.

• Advanced from laborer to labor lead hand position, overseeing daily operations and crew management.

• Conducted pre-trip inspections on heavy equipment and vehicles, ensuring operational safety and compliance.

• Experienced with 5 tons, 10 tons, and semis.

• Held multiple certifications, including rigging and hoisting, AWP, Zoom Boom, H2S, CST, and more (now expired).

• Gained farming experience driving tractors and air seeders during oilfield layoffs.

Education

College diploma in Network Administration and NetworkSecurity

College Arts And Technology - Kelowna, BC

October 2024 to Present

Hands-On Experience:

Gained extensive practical experience in configuring and managing network infrastructures, including setting up and deploying servers (Windows, Cisco, and Linux), configuring routers, switches, and firewalls, and establishing secure LAN and internet connections for small-scale and enterprise-level environments. Led the implementation of Virtual LANs (VLANs), VPNs, and network redundancy solutions to optimize performance and security.

Academic Achievements:

Currently maintaining exceptional academic performance with grades ranging from 92% to 120%. Demonstrated strong proficiency in areas such as network security, ethical hacking, penetration testing, systems administration, and cloud computing, Linux, with a focus on preparing for real-world IT challenges.

Certifications in Progress:

Actively working toward key industry certifications, including A+, Network+, Linux+, Pentest+, and Security+, CEH ect to complement formal education and further strengthen hands-on technical expertise in network administration, cybersecurity, and ethical hacking.

Collaborative Projects:

Contributed to student-led initiatives such as setting up secure networks, conducting vulnerability assessments and penetration testing exercises, and participating in team-driven IT projects that simulate real-world network and security challenges. Gained experience working with Cisco networking protocols, AWS cloud infrastructure, and network automation.

Technical Skills:

Proficient in Linux-based systems, network security best practices, routing and switching protocols, VPN setup, and network troubleshooting. Experienced with cloud platforms like Amazon Web Services (AWS) and virtualization technologies. Hands-on expertise in system performance optimization, intrusion detection/prevention systems (IDS/IPS), and security hardening techniques. Additionally, proficient in HTML, CSS, Python, and JavaScript, with a continuous focus on learning new languages such as C# and C++ ect.

Leadership and Problem-Solving:

Developed strong leadership, communication, and problem-solving skills through independent projects and collaborative team efforts. Proven ability to troubleshoot complex IT issues, implement technical solutions, and provide customer-centric support in both network and system administration environments.

High school diploma
Rutland Senior Secondary - Kelowna, BC
September 2010 to June 2013

Skills

- Wireshark (2 years)
- Adobe Photoshop (3 years)
- Network Firewalls (2 years)
- Social media management (10+ years)
- Node.js (2 years)
- Cybersecurity (2 years)
- Cisco Networking (1 year)
- MS Office (6 years)
- MS PowerPoint (10+ years)
- SQL (Less than 1 year)
- Metasploit (2 years)
- Website creation and management software (3 years)
- Network protocols (1 year)
- DHCP (1 year)
- React Native (2 years)
- Adobe Express (3 years)
- Web development (3 years)
- LAN (1 year)
- Python (2 years)
- React (2 years)
- GraphQL (2 years)
- Network security (1 year)

- Computer repair (6 years)
- Computer skills (10+ years)
- Burp Suite (2 years)
- MacOS (6 years)
- React Native (3 years)
- JavaScript (2 years)
- Server management (2 years)
- Software development (1 year)
- AWS (1 year)
- DNS (1 year)
- VMWare (3 years)
- PowerShell (2 years)
- Shell Scripting (2 years)
- Cell phone repair (2 years)
- Google Analytics (5 years)
- C++ (1 year)
- Upselling (8 years)
- Express.js (2 years)
- HTML (2 years)
- SEO (5 years)
- Adobe Illustrator (2 years)
- Data analysis (2 years)
- CSS (2 years)
- TypeScript (2 years)
- Microsoft Windows (10+ years)
- Troubleshooting (4 years)
- PowerShell (Less than 1 year)
- Budgeting (6 years)
- Linux (2 years)
- Technical Support
- Operating Systems (10+ years)
- Application development (1 year)
- Network security (2 years)
- Adobe Acrobat Reader (2 years)

Links

https://www.linkedin.com/in/tate-byers-634432345/

https://www.youtube.com/@LLTechSolutions/videos

https://github.com/300LBHACK3R

Certifications and Licenses

AWS Cloud Foundations
January 2025 to Present

Basic Swedish Massage Certificate
January 2018 to Present

Deep Tissue Massage Certification
January 2018 to Present

Class 5 Licence
August 2022 to July 2027

Publications

Configuring Windows Server 2016 & Windows 10 on VMware
https://lnkd.in/gpzxv5WA
February 2025

Thrilled to share my latest project.

Configuring Windows Server 2016 & Windows 10 on VMware Workstation!

I deployed and fine tuned a set of VMs, ensuring each one had its perfect OS, static IP, and optimized security and performance settings. Dive into the details and see how I brought these machines to life:

https://lnkd.in/gpzxv5WA

Fully Automated Anonymity Setup For Kali Linux!
https://github.com/300LBHACK3R/Kali-Anonymity-Setup
February 2025

🏴 Kali Anonymity Setup ----- Now on GitHub! ✊

Privacy matters, and staying anonymous online should not be a headache. That is why I put together Kali-Anonymity-Setup, a fully automated script that sets up Tor, ProxyChains, MAC Spoofing, and Anonsurf to route all your traffic anonymously.

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🕵 What it does:

✔ Installs & configures Tor, ProxyChains, Anonsurf, and MAC spoofing

✔ Fixes DNS issues (if detected)

✔ Routes all traffic through Tor automatically

✔ Ensures a fresh Kali install is anonymity ready without breaking networking.

🔗 Check out my profile & grab the script here:

🔗 https://lnkd.in/g3TnDcBf <-------

🔗 https://lnkd.in/g5j9XxaG <-----

Drinks For Fun

https://github.com/300LBHACK3R/Drinks-For-Fun

January 2025

As part of my programming course I took a simple age checking program, and transformed it into an interactive virtual guest screening game pushing beyond basic requirements to blend creativity with technical skill. The project features:

• Interactive Input: Engaging prompts collect and validate users' names and birth years.

• Dynamic Age Evaluation: Users aged 16–18 gain limited entry (no alcohol), while those 19+ enjoy full access. Under 16 or unrealistic ages trigger a friendly denial.

• Robust Error Handling: Solid input checks prevent empty or invalid data.

This project highlights my Python proficiency, keen attention to detail, and passion for creating user-friendly, innovative solutions.

• Easter Egg** Use NAME: Tate

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Check it out here: https://lnkd.in/gtz39XP2

https://github.com/300LBHACK3R/Drinks-For-Fun/tree/main

Tri-City Network Integration: VLAN Design, RIP Routing & Secure Access Lab

https://www.linkedin.com/in/tatebyers/details/projects/

December 2024

🎉 Excited to Share a Major Milestone! 🎉

I recently completed a lab project as part of my studies, and I'm happy to announce that I scored 90/100 on it! 🏆

The project involved configuring a network for a company with three locations:

Kelowna (main), Victoria, and Seattle.

Here is what I tackled:

Designed and set up VLANs for different departments at each location (Servers, HR, Accounting, Management, Sales, and Call Centre).

Configured RIP routing on routers to ensure seamless communication between the locations.

Set up SSH access to routers and switches for secure management.

Ensured that all PCs could ping each other, the routers, and switches while also being able to access a Web Server hosted in the Servers VLAN.

This project has been a fantastic hands-on experience and has deepened my understanding of networking and IT infrastructure. I'm looking forward to applying what I've learned as I continue my studies and career journey.