

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/Practitioner

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 Network Security

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)
- Web development (2 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)
- JavaScript (2 years)
- Software development (1 year)
- AWS (1 year)
- DNS (1 year)
- VMWare (3 years)
- PowerShell (2 years)
- Cell phone repair (2 years)
- Google Analytics (5 years)
- C++ (2 years)
- Upselling (8 years)
- HTML (2 years)
- SEO (5 years)
- Adobe Illustrator (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>

Certifications and Licenses

AWS Cloud Foundations

January 2025 to Present

Chair Massage Certification

March 2018 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