

Jett Lu

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SKILLS

Linux, CI/CD, Batch Automation, PowerShell, System Testing, Configuration Management, RTOS, Embedded Systems, C, C++, C#, Java, Python, Power BI, Cybersecurity, CCNA, CompTIA A+, Security+, AODA, WCAG

PROFESSIONAL EXPERIENCE

ONTARIO LOTTERY AND GAMING CORPORATION (OLG)

Toronto, ON

Systems Engineering Student

January 2026 – Present

- Coordinated application and patch deployments across controlled lab environments, ensuring configuration integrity, deployment readiness, and reliable system testing.
- Managed Linux and Windows based lab environments and collaborated with testing, IT, and engineering teams to troubleshoot environment level issues and maintain infrastructure stability.
- Supported internal reporting efforts using Power BI to visualize lab environment status, deployment readiness, and system testing metrics.

ONTARIO MINISTRY OF TRANSPORTATION (MTO)

North York, ON

Software Engineering Associate

May 2025 – December 2025

- Conducted QA testing and validation on LIMS platforms, ensuring data integrity, 99% system reliability, and full regulatory compliance (AODA, WCAG).
- Implemented automated testing solutions that boosted overall testing efficiency by 500%, reduced manual workload by 80%, and accelerated release cycles across multiple environments.
- Supported DevOps and CI/CD pipeline enhancements, improving deployment speed by 40% and increasing delivery consistency, stability, and reliability across environments.

KINECTRICS INC

Etobicoke, ON

Systems Automation Student

January 2023 – April 2023

- Enhanced IT infrastructure stability and security through regular updates, patches, and audits via Lansweeper and CrowdStrike, reducing security vulnerabilities by 30%.
- Developed a Windows PowerShell automation framework, accelerating testing processes by 30% and cutting manual testing time by 25%.
- Established IT policies and compliance procedures, reducing compliance issues by 10%, and maintained test scripts, improving software quality and reducing errors by 20%.

EXTRACURRICULAR ACTIVITIES

MCMASTER OPEN SOURCE SOCIETY

Hamilton, ON

Founder & President

May 2025 – Present

- Founded and led McMaster's first student-run open source software club, fostering structured collaboration on real-world software development projects across multiple domains.
- Organized and hosted regular coding sessions, Git and GitHub workshops, and technical guest speaker events featuring industry professionals from software engineering and related fields.
- Established and actively managed the club's GitHub organization and project repositories to support coordinated member contributions, version control best practices, and portfolio-ready project development.

IEEE TORONTO SECTION

North York, ON

Student Branch President

August 2022 – April 2024

- Served as a representative of the student branch at parent organization conferences and events, networking and promoting the benefits of student branch membership with on campus events.
- Collaborated with other officers to plan and execute engaging technical webinars and activities aimed at promoting membership and engagement within the student branch.
- Maintained accurate records and documentation related to student branch activities and finances, ensuring compliance with organizational policies and regulations.

EDUCATION

MCMASTER UNIVERSITY

Hamilton, ON

Bachelor of Technology, Software Engineering Technology

September 2024 – Present

- Related Courses: Advanced Network Security, Parallel Programming, Data Structures and Algorithms.

SENECA POLYTECHNIC

North York, ON

Advanced Diploma, Computer Engineering Technology

September 2021 – April 2024

- President's Honour list: Summer 2022, Winter 2022, Fall 2023, Winter 2024.
- Related Courses: Cyber Security, Cisco Internetworking I, Advanced Programming Concepts.