

# Jett Lu

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## SKILLS

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

## PROFESSIONAL EXPERIENCE

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### ONTARIO LOTTERY AND GAMING CORPORATION (OLG)

**Toronto, ON**

*Systems Engineering Student*

*January 2026 – Present*

- Coordinate application and patch deployments across controlled lab environments, ensuring configuration integrity and deployment readiness prior to system testing and release.
- Manage and maintain Linux and Windows based lab environments to support system integration testing, change management, and infrastructure stability.
- Collaborate with testing, IT, and engineering teams to troubleshoot environment level issues and maintain reliable deployment and testing operations across lab systems.

### ONTARIO MINISTRY OF TRANSPORTATION (MTO)

**North York, ON**

*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

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### 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

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### 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.