

# Jett Lu

(647) 679-8229 | [LinkedIn](#) | [GitHub](#) | [Jett.Jiacheng.Lu@gmail.com](mailto:Jett.Jiacheng.Lu@gmail.com)

## 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.