

# Harlan Jazz Ferguson <https://www.linkedin.com/in/harlan-ferguson-09b55010b/>

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## Key Skills

- System Development & Integration
- Computer Programming
- Application Testing
- Client Collaboration
- JIRA
- Customer Service
- G Class Driver's Licence
- Selenium
- Programming Languages: Python, JavaScript, C#, Java, PHP, C, BASH scripting

## Professional Experience

Systems Integrator | *Arcadia Housing Co-op Inc.*, Toronto, ON | June 2021 – Present

- Manages all IT-related issues for the business, including upgrading hardware, optimizing systems by reformatting drives and updating all computers to Windows 11, and revitalizing non-functional laptops with new SSDs and Linux OS.
- Conducts in-depth research and analysis to provide cost-effective technology solutions, including building custom desktop computers and implementing VoIP phone systems, resulting in improved performance and cost savings.
- Identifies security vulnerabilities and improves processes by transitioning from physical password documentation to a secure software solution, enhancing overall business security.

Full Stack Developer | *George Brown College, Research & Innovation Dept.*, Toronto, ON | Jan 2024 – Mar 2024

- Partnered with clients to identify needs and translate complex requirements into effective, functional designs that incorporated ALM, ensuring alignment with business goals.
- Spearheaded the development of a mobile application, enhancing process efficiency by 30% through a streamlined workflow and system integration.
- Developed a robust JavaScript-based tech stack, including React-Native, Node.js, and Express.js, to deliver a high-performance, large-scale IT solution for stakeholders.

Systems Integrator | *Urbane Cyclist Worker Co-op*, Toronto, ON | June 2019 – June 2021

- Automated a repetitive task using a Python script with Selenium, reducing task time by 80%. The script updated work order dates in inventory management software, improving efficiency for 50-80 work orders daily.
- Enhanced security by changing weak and reused passwords for over 50 B2B accounts and educating employees on proper computer practices to prevent unauthorized access.
- Optimized business networking by assessing current and future needs, upgrading the internet package, adding computers to the network, and installing extra modems for improved network coverage.
- Conducted monthly maintenance, ensuring all software was up to date, performing hardware upgrades, and maintaining system functionality to meet business requirements.

## Education

Advanced Diploma in Computer Programming and Analysis | George Brown College, Toronto, ON | Sep 2021 – Apr 2024

- GPA: 3.48 | Dean's Honour Roll
- Co-Founder and Vice President of the GBC Computer Science Club

Advanced Diploma in Business Administration | George Brown College, Toronto, ON | Sep 2017 – Apr 2020

- GPA: 3.32 | Dean's Honour Roll