

## Xinhe Liu

Etobicoke, Toronto

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🌐 <https://xinhe-dev.github.io>

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### Professional Summary

Results-driven professional with a dual background in **Logistics & Supply Chain Management** and **Computer Science**. Strong expertise in **data analytics**, **big data systems**, and **full-stack development**. Experienced in uncovering insights from complex datasets and building data-driven solutions. Proficient in front-end and back-end technologies, and well-versed in both system-level programming and warehouse operations.

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### Technical Skills

- **Languages & Tools:** Java, Python, C, SQL, JavaScript, HTML5, CSS3, Git
- **Frameworks & Systems:** Node.js, Linux/Windows OS, RISC-V, Bminor Compiler, E-Commerce Systems
- **Concepts:** Data Mining, Big Data Systems, ERP/MRP Systems, Lean Manufacturing, Six Sigma (Green Belt Certified)
- **Soft Skills:** Microsoft Office, Fast Learner, Team Collaboration, Time Management, Communication

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### Education

**York University** – Toronto, ON

*Bachelor of Computer Science (2022 – 2025)*

- Focus on Data Systems, Operating Systems, Compilers, E-Commerce Development, and Algorithm Design

**Conestoga College** – Kitchener, ON

*Advanced Diploma in Supply Chain & Operation Management (2018 – 2021)*

- Specialized in ERP/MRP systems, lean manufacturing, logistics analytics
- **Six Sigma Green Belt** certified

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### Work Experience

**UniUni** – Toronto, ON

*Operation Assistant → Warehouse Assistant*

*Apr 2022 – Present*

- Handled various problematic packages (damaged, lost, returned, duplicated)
- Maintained proper storage and documentation of exception parcels
- Coordinated daily dispatch operations and scheduled truck drivers for optimal delivery routing
- Supported warehouse operations including equipment maintenance and workplace organization

**ATS (Automation Tooling Systems)**

*Lean Manufacturing & Continuous Improvement*

*Mar 2021 – Sep 2021*

- Observed and assessed manufacturing processes to identify inefficiencies
- Documented improvement tasks and coordinated implementation with cross-functional teams

**Yazaki North America**

*Warehouse Assistant*

*Dec 2020 – Mar 2021*

- Conducted inspection and packaging of wiring harnesses for Toyota and GM models
- Participated in daily equipment maintenance and process flow optimization

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### Projects Portfolio

Available online: <https://xinhe-dev.github.io>

- **Personal Financial Recorder:** Web-based budget tracker with categorized income/expenses
- **E-Commerce Platform:** Full-stack online shopping simulation site
- **Document Retrieval Engine:** Intelligent keyword-based document filtering system
- **Recommendation System:** Market basket analysis to suggest related products
- **Visual Database Interface:** Interactive visual representation of relational databases
- **Bminor Language Compiler:** Academic compiler project from source parsing to x86 generation

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### Languages

- **English:** Professional working proficiency
- **Mandarin:** Native fluency

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### Certifications & References

- **Six Sigma Green Belt** – Conestoga College
- References available upon request.