

# Jinming Zhang

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Computer Engineering  
Graduate from  
University of Waterloo

## SUMMARY

Software Developer and Computer Engineering graduate from the University of Waterloo, currently the Software Systems Developer program at BCIT. Experienced in full-stack development, cloud-based systems, and automation through internships at Oracle, TELUS, Ericsson, and Maple Leaf Foods.

Strong across backend and frontend development, with hands-on experience building modern user interfaces using React, Angular, and Vue, alongside C#, Java, Python, JavaScript, and SQL. Backed by a solid foundation in algorithms and data structures, with a focus on building scalable, high-quality software and continuously advancing technical expertise.

## EDUCATION

**University of Waterloo** | Bachelor of Applied Science, **Computer Engineering** | 2015 – 2020

**British Columbia Institute of Technology** | Full Time Certificate, **Software Systems Developer** | Expected 2026

## EXPERIENCE

### **Oracle Corporation – Software Developer Intern**

Toronto, ON | Sep 2019 – Dec 2019

- Improved SSL certificate provisioning process for Oracle Eloqua (Cloud Marketing Platform), enhancing client onboarding efficiency and reliability.
- Optimized asynchronous command queue logic, reducing redundant database entries and improving system performance.
- Developed and integrated automated Selenium test suites, reducing manual testing workload by 40%.
- Resolved escalated L3 client issues, ensuring platform stability and compliance with enterprise standards.
- **Technologies:** C#, SQL Server, Selenium

### **Maple Leaf Foods – Developer Intern, Infrastructure Team**

Mississauga, ON | Sep 2018 – Dec 2018

- Designed and implemented a web-based dashboard to monitor SAP systems and databases, providing start/stop control and usage visualization.
- Automated storage forecasts and system management tasks, improving operational efficiency and reducing manual oversight.
- Optimized data retrieval and response times on the dashboard from 25 seconds to 5 seconds, significantly enhancing user experience.
- **Technologies:** HTML, CSS, JavaScript, jQuery, PHP, MySQL, Shell

### **TELUS Corporation – Programmer Analyst Intern, IT HFS**

Mississauga, ON | Jan 2018 – Apr 2018

- Enhanced internal Label Management Tools web application by developing new features, including secure password reset functionality.
- Deployed and tested applications in Tomcat and WebLogic environments using Jenkins and SonarQube.
- Utilized Vagrant and Docker to streamline local development and environment consistency across teams.
- Fixed critical UI and backend bugs, improving overall usability and system reliability.
- **Technologies:** Java, Spring Framework, HTML, CSS, MySQL, Jenkins, Docker

## SKILLS

- **Languages:** C#, Java, Python, JavaScript, SQL, C++, C, PHP
- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React, Angular, Vue, Bootstrap
- **Backend & Frameworks:** ASP.NET / .NET, Spring, RESTful APIs
- **Cloud & Platforms:** AWS (EC2, S3, Dynamo, Lambda, etc.), Microsoft Azure (Blob, basic CI/CD)
- **Databases:** SQL Server, MySQL
- **Tools & DevOps:** Visual Studio, Git, Jenkins, Docker, Selenium
- **Methodologies & Practices:** Agile / Scrum, Git workflows, CI/CD, Unit Testing

## PROJECTS

### **Receipt Recognition Application | Python, HTML, CSS, JavaScript | Mar 2020**

- Built a web and Android app that extracts and categorizes expense data from receipt images using OCR.
- Implemented expense tracking and reporting features for custom date ranges.
- <https://github.com/jm3zhang/ReceiptIt>

### **Simple-CLI Social Network | Python, MySQL | Mar 2019**

- Developed a CLI-based social network allowing users to create posts, follow others, and reply to posts.
- <https://github.com/jm3zhang/Simple-CLI-Social-Network>

### **Tracking and Routing Application | Java | May 2016**

- Built a mobile app to calculate travel routes within mapped indoor areas.
- <https://github.com/jm3zhang/Tracking-Routing-App>