

MYRON LADYJENKO

[✉ ladyjenkomymron@gmail.com](mailto:ladyjenkomymron@gmail.com) [in myron-ladyjenko](https://www.linkedin.com/in/myron-ladyjenko/) [⌚ myronladyjenko](https://www.instagram.com/myronladyjenko/) [🌐 ladyjenkomymron.com](https://www.google.com/search?q=ladyjenkomymron.com)

Professional Summary

Proficient software engineer with **2+** years of experience across all stages of the development lifecycle
Demonstrated technical and collaborative skills through **5+** coding competitions, **4** hackathons, and **10+** projects
Adaptable and self-driven with a proven ability to quickly master new technologies and build scalable systems

Experience

University of Guelph	Sep 2025 - Present
<i>Teaching Assistant - Object Oriented Programming, Java</i>	<i>Guelph, ON</i>
<ul style="list-style-type: none">Conducted office hours to help students master OOP concepts and clarify SOLID principles	
Oracle NetSuite	May 2025 - Aug 2025
<i>Software Engineering Intern</i>	<i>Kitchener, ON</i>
<ul style="list-style-type: none">Delivered and showcased advanced pricing features to empower 42,000+ NetSuite customers with flexible price rulesDeveloped Java 21 services using Dependency Injection and SOLID principles to enable rule-based pricingBuilt PL/SQL procedures integrated with Oracle DB to ensure asynchronous price updates across millions of items	
SAP	Jan 2025 - Apr 2025
<i>Cloud Infrastructure Developer Intern</i>	<i>Waterloo, ON</i>
<ul style="list-style-type: none">Improved a Kubernetes operator's performance by introducing multiprocessing in Python, reducing startup time by 80% and deploying globally across production landscapes managed by GardenerEvaluated Vertical Pod Autoscaler (VPA) for optimizing CPU and memory usage through in-cluster testing under different workloads; presented findings, leading to a decision to defer adoption for SAP HANA Cloud Data Lake services	
University of Guelph	Sep 2024 - Dec 2024
<i>Undergraduate Research Assistant</i>	<i>Guelph, ON</i>
<ul style="list-style-type: none">Developed heuristics in C++ to enhance A* algorithm efficiency during the FPGA routing stage	
NCR Voyix	Jan 2024 - Aug 2024
<i>Software Engineering Intern</i>	<i>Waterloo, ON</i>
<ul style="list-style-type: none">Built cheque rendering flows using Java and Apache FOP, generating high-quality images for financial institutionsIncreased service throughput and reduced latency by implementing a thread-pool concurrency modelDeveloped a Spring Boot JWT authorization service using Spring Security and Kubernetes secrets, securing Google Cloud Storage access and integrating with NGINX for token validation in a report retrieval workflow	
NCR Voyix	Sep 2023 - Dec 2023
<i>Software Developer Intern</i>	<i>Waterloo, ON</i>
<ul style="list-style-type: none">Secured 70% market share with 600+ financial institution branches and 13000 ATMs globally by delivering essential reporting capabilities for terminal activity and balancesDesigned and deployed high-performance containerized Spring Boot microservices using Java 17 on GCP, architected using the Strategy pattern and Plugin Architecture to maximize system flexibility and extensibilityAdopted multithreaded architecture for backend services to reduce report generation and upload times by 40%Enhanced UX for 1000+ bank tellers by enabling dynamic, customizable reporting through parameterized SQL queries	
NCR	May 2023 - Aug 2023
<i>Backend Java Developer Intern</i>	<i>Waterloo, ON</i>
<ul style="list-style-type: none">Delivered software for teller cash recyclers for 8+ major financial institutionsDeveloped backend transaction services empowering tellers to execute secure cash recycler operations, by implementing Spring Boot REST APIs alongside Node.js transaction flows and data management with CassandraAutomated microservice deployments with Jenkins CI/CD, accelerating releases via Maven builds and Helm charts	
University of Guelph	Sep 2022 - May 2023
<i>Lead Teaching Assistant</i>	<i>Guelph, ON</i>
<ul style="list-style-type: none">Led in-person labs, delivered a 400-person lecture on recursion, and taught C, Linux and graph theory concepts	
BlackBerry QNX	May 2022 - Aug 2022
<i>Software Developer Intern</i>	<i>Ottawa, ON</i>
<ul style="list-style-type: none">Decreased unit test runtime by 80% using parallel execution with the fastcov Python utilityImplemented comprehensive system-level and regression tests in C for embedded Unix-like QNX platformAchieved 100% code coverage, ensuring reliability and robustness across tested components	

Skills

- **Languages:** Java, Python, SQL, C, C++, TypeScript, Go
- **Tools:** Docker, Kubernetes, GCP, AWS, Gardener, REST API, Kafka, Git, Maven, Jenkins, Google Cloud Pub/Sub, Redis, PostgreSQL, Cassandra, Oracle DB
- **Frameworks:** Spring Boot, Hibernate, Warp, Flask, Node.js, Guice, Angular, PyTorch, YOLOv11, JUnit
- **Techniques:** SOLID Principles, Design Patterns, Distributed and Parallel Systems Architecture, Relational Database Design, Kubernetes Operator & Autoscaling (HPA, VPA) Development, Cloud-Native Monitoring, Agile
- **Interests:** Bouldering, Table Tennis, Volleyball, World Geography, Downhill Skiing, Biathlon

Projects

⌚ Climbing Route Classification <i>Python, PyTorch, GPU, YOLOv11, Mask R-CNN</i>	Sep 2024 - Nov 2024
• Set up and trained machine learning models YOLOv11 and Mask R-CNN (Detectron2) on a 2.4k image climbing dataset for automated holds and routes detection	
• Applied K-Means , Mean-Shift , GMM , DBSCAN , HDBSCAN and Agglomerative clustering with Gaussian blur and CLAHE preprocessing for color-based route classification	
⌚ BlocBond - Best Google Tech Hack Winner <i>Flask, Next.js, GCP, Vercel, Google APIs</i>	May 2024
• Hosted a full-stack climbing app with 10+ features, including gym search, route rating and colorblind accessibility	
⌚ Eon: University Voting <i>Flask, Javascript, HTML, CSS</i>	Jan 2024 - Apr 2024
• Built a Bitcoin-based blockchain from scratch, integrating 5+ cryptographic algorithms to secure university club voting	
• Implemented RSA Blind Signature protocol for confidential elections in a proof-of-concept system for 100+ students	

Education

University of Guelph	Sep 2021 - Expected Apr 2026
Bachelor of Computing, Major Computer Science Minor Business Economics	GPA: 4.0/4.0 (96%)
• Relevant courses: Data Science, Algorithms, Networks, Parallel Programming, Linear Algebra II, Investments	

Competitions and Awards

Dr. Mary McLeish Scholarship - Highest GPA across first 6 semesters (CS)	Oct 2025
⌚ Oracle Certified Professional: Java SE 21 Developer	August 2025
Google Developer Student Club Hacks - Winner of 'The Best Google Hack' award	May 2024
D2L Scholarships in Computer Science - Highest GPA in Software Engineering	Sep 2024
Guelph LeetCode Competition - 1st Place, 2nd Place	Feb 2024, 2023
⌚ Hackathon Solution - Secure Value Transfers, patented by NCR Voyix	Dec 2023
Runner-up for 'Co-op Student of the Year' award at University of Guelph	Dec 2023
Silver Medalist - International Tournament of Young Mathematicians	Jul 2019