

MYRON LADYJENKO

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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+** self-driven projects
Adaptable and self-driven with a proven ability to quickly master new technologies and **build scalable systems**

Experience

Oracle NetSuite **May 2025 - Present**
Software Engineering Intern *Kitchener, ON*

- Todo
- Todo
- Todo

SAP **Jan 2025 - Apr 2025**
Cloud Infrastructure Developer Intern *Waterloo, ON*

University of Guelph **Sep 2024 - Dec 2024**
Undergraduate Research Assistant *Guelph, ON*

- Developed a heuristic in C++ to optimize FPGA routing by reducing A* algorithm runtime by **20%**

NCR Voyix **Jan 2024 - Aug 2024**
Software Engineering Intern *Waterloo, ON*

- Secured **70%** market share with **600+** financial institution branches and **13000** ITMs globally by delivering essential reporting capabilities for terminal activity and balances
- Designed 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 extensibility
- Adopted multithreaded architecture for backend services to reduce report generation and upload times by **40%**
- Built 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
- Enhanced **UX** for **1000+** bank tellers by enabling dynamic, customizable reporting through parameterized SQL queries

NCR **May 2023 - Dec 2023**
Backend Java Developer Intern *Waterloo, ON*

- Delivered software for teller cash recyclers for **8+** major financial institutions
- Optimized bank teller UX by empowering clients to execute pivotal operations like secure money transfers and interbranch cash shipments through real-time data streaming with WebSockets, reducing latency by **99.9%**
- Developed 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 Cassandra
- Automated microservice deployments with Jenkins CI/CD, accelerating releases via Maven builds and Helm charts

University of Guelph **Sep 2022 - May 2023**
Lead Teacher Assistant *Guelph, ON*

- Led in-person labs, delivered a **400**-person lecture on recursion, and taught C and graph theory concepts



BlackBerry QNX **May 2022 - Aug 2022**
Software Developer Intern *Ottawa, ON*

- Decreased unit test runtime by **80%** using parallel execution with the fastcov Python utility
- Implemented comprehensive system-level and regression tests in C, achieving **100%** code coverage

Skills

- **Languages:** Java, Python, SQL, C, C++, TypeScript, Go, Bash
- **Frameworks:** Spring Boot, Flask, Node.js, React, Next.js, Angular, PyTorch
- **Tools:** Docker, Kubernetes, AWS, GCP, Gardener, REST API, Kafka, Redis, PostgreSQL, Cassandra, Grafana
- **Techniques:** SOLID Principles & Design Patterns, Distributed Systems Architecture, Relational Database Design, Kubernetes Operator & Autoscaling (HPA, VPA) Development, Cloud-Native Monitoring
- **Interests:** Boulderling, Table Tennis, Volleyball, World Geography, Biathlon, Ski Jumping

Projects

-  **BlocBond - Best Google Tech Hack Winner** | *Flask, Next.js, GCP, Vercel, Google APIs* **May 2024**
 - Hosted a social-climbing app with **10+ features**, including gym search, route rating and colorblind accessibility
-  **Eon: University Voting** | *Flask, Javascript, HTML, CSS* **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, GPA: 96% **September 2021 - Present**

Bachelor of Computing Honours, Software Engineering Coop Major, Business Economics Minor *Guelph, ON*

- Recipient of: D2L Scholarships in Computer Science, CEPS Dean’s Scholarship (x2), Dean’s Honour List (x6)

Competitions and Awards

- Google Developer Student Club Hacks - Winner of ‘The Best Google Hack’ award** **May 2024**
- Guelph LeetCode Competition - 1st Place, 2nd Place** **Feb 2024, 2023**
- Hackathon Solution ‘eNCRyptPay - Secured Payment Innovation’, patented by NCR** **Dec 2023**
- Runner-up for ‘Co-op Student of the Year’ award at University of Guelph** **Dec 2023**
- International Tournament of Young Mathematicians - Silver Medalist** **Jul 2019**