Nicholas Lukasevich [n.luka784@gmail.com](mailto:n.luka784@gmail.com)| +1 (647) 523-7973 | [GitHub](https://github.com/nluka) | [LinkedIn](https://www.linkedin.com/in/nicholas-lukasevich/)

# SUMMARY

Performance aware programmer interested in real-time systems and high-performance computing. Champion of business process simplification and automation.

# SKILLS

* **Data-oriented and object-oriented design with C++, Java,** programming with **C and Python**
* **Data engineering and analysis with SQL, PL/SQL (Oracle, MS SQL Server, Db2), MongoDB**
* Small team leadership, collaboration with **Git and GitHub**
* Full stack web development with **HTML**, **CSS**, **JavaScript**, **TypeScript, React**, **Redux**, **Bootstrap, Node.js**
* Methodologies and design patterns including **CI/CD**, **TDD**, **Agile**, **Scrum**, **Waterfall**, **MVC**

# WORK EXPERIENCE

Software Developer Intern – *RBC Capital Markets, Toronto ON* Jan 2023 – Current

* Ensuring regulatory compliance by delivering enhancements to E2E market order simulator (Ragnarok)
* Ensuring coherence of Execution Management System (ROC) utilities by bringing components up to date

Data and Reporting Analyst – *RBC Royal Bank, Toronto ON* May 2022 – Jan 2023

* Worked closely with external consultant and business members to implement 3rd party dataware solution
* Achieved savings of 100+ hours per year going forward for previously laborious business process

# PROJECTS

Langton’s Ant Explorer - [GH Repo](https://github.com/nluka/langant-explorer)

*Tech Stack: C++*

* Discovering new Langton’s Ant patterns by developing an efficient, automated simulation and image analysis toolchain
* Learning ML to automate the image pattern categorization process

keyCap – [Production](https://key-cap.netlify.app/) | [GH Repo](https://github.com/nluka/keycap)

*Tech Stack: React, Redux, TypeScript, Bootstrap, Jest*

* Independently designed and developed website to deliver a highly customizable typing practice sandbox
* Ensured defect-free user experience with rigorous automated testing
* Implemented front-end consumption of the [quotable](https://github.com/lukePeavey/quotable) web API

Ctructure – [GH Repo](https://github.com/nluka/Ctructure)

*Tech Stack: TypeScript*

* Led team of 2 open-source through agile, test-driven development of open-source code formatter for the C programming language

# EDUCATION

Computer Programming Diploma, High Honours – *Seneca College, Toronto ON* Sep 2019 – Dec 2022

4x President’s Honour List Recipient F2019, W2020, F2020, W2022