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

# SUMMARY

Software engineer interesting in high-performance systems and being impactful.

# SKILLS

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

# WORK EXPERIENCE

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

* Reducing yearly CDIC attestation labour by 90% (>100h yearly savings) by moving process to Cinchy
* Upgrading internal documentation from Word/Excel to a more appropriate dataware platform (Cinchy)
* Eliminating 10h/month overheads by assisting in migration of regulatory reporting data from Excel to SQL database

# PROJECTS

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

*Tech Stack: C++, TypeScript*

* Leading team of 2 in development of open-source code formatter for the C programming language
* Utilizing an Agile, test-driven approach - responsible for the lexing and parsing modules
* Learning lexical and semantic analysis aspects of compiler design

keyCap – [Production](https://key-cap.netlify.app/) | [Frontend Code](https://github.com/nluka/keycap-client) | [Backend Code](https://github.com/nluka/keycap-api)

*Tech Stack: React, Redux, TypeScript, Bootstrap, Node, Express, MongoDB, Jest*

* Designed and developed web platform for tailored typing practice
* Utilized test-driven development, implemented front-end consumption of the [Quotable](https://github.com/lukePeavey/quotable) web API

Ant Simulator Lite

*Tech Stack: C++, WebGL*

* Developed a customizable, high throughput [command-line Langton’s ant simulator](https://github.com/nluka/ant-simulator-lite)
* Learning WebGL to create a visual simulator that is interoperable with the command-line simulator

# EDUCATION

Computer Programming Diploma – *Seneca College, Toronto ON* Sep 2019 – Current

# AWARDS

President’s Honour List – *Seneca College, Toronto ON* F2019, W2020, F2020, W2022

In recognition of outstanding academic achievement (4.0/4.0 GPA)