

Jonathan Lucki

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Skills

- **Languages:** JavaScript · C · C++ · Python · Java · Clojure · PHP · SQL · HTML/CSS
- **Tools & Frameworks:** React · Node.js · Express · Spring Boot · MySQL · PostgreSQL · Git · Apigee

Experience

Backend Developer

Toronto, ON

Loblaw Digital

May – Aug 2020

- Created REST endpoints in Spring Boot for a new Cart API, handling **over 10 million** daily requests
- Implemented streaming between new and legacy Cart API databases for synchronization during new API rollout
- Built dynamic host selection functionality for API proxies to accelerate frontend app development

Full Stack Developer

Toronto, ON

Prodigy Game

Sept – Dec 2019

- Implemented new React membership purchase flow for handling **over \$50 million** in annual membership sales
- Reduced membership web application load time by **25%** by implementing server-sided caching/polling in Node.js
- Conducted multiple A/B tests to grow revenue and improve user experience utilizing Optimizely

Software Developer

Toronto, ON

University Health Network

Jan – Apr 2019

- Developed a login system and data version control system with Clojure and PostgreSQL for a new electronic medical consent web application handling **over 10,000** consents a month
- Designed user interfaces and document auditing tools in React for medical web applications

Quality & Process Improvement Intern

Toronto, ON

Circle of Care, Sinai Health System

May – Aug 2018

- Improved live call answer rate from **55% to over 90%** for the client support call-centre by managing a project to develop a new automated call flow and improve workflows
- Developed an ElectronJS application to identify, analyze, and report **over 1,000** monthly patient risk events

Projects

Router

router.jonathanlucki.ca

May 2019

- Web application built in **React** which finds the most time efficient routing order given multiple locations
- Utilises **Express Node.js** backend to calculate the optimal routing

MMUNx

mmun.jonathanlucki.ca

Sep 2019

- PHP web portal with **MySQL database** used annually by **over 300 users** at Martingrove Model UN conference
- Stores and manages all conference data and allows users to submit and view amendments/resolutions

Education

University of Waterloo

Waterloo, ON

Bachelor of Computer Science, Computer Science Major, Economics Minor

Expected 2022