

# JESSE LI

Toronto, Ontario, Canada

[www.jesseli.me](http://www.jesseli.me)

☎ +1 (416) 529 6907 ✉ [jesse.li1@uwaterloo.ca](mailto:jesse.li1@uwaterloo.ca) [in jessegli](#) [@ Jess2772](#)

## EDUCATION

**University of Waterloo**

**Sep. 2020 – Apr. 2025**

*Bachelors of Computer Science*

*GPA - 3.88/4.0*

## COURSEWORK / SKILLS

- Designing Functional Programs
- Algorithm Design and Data Abstraction
- Introduction to Object Oriented Programming

## WORK EXPERIENCE

**Royal Bank of Canada** [↗](#)

**Jan. 2022 – Apr. 2022**

*Cloud Software Developer*

*Toronto, ON*

- Currently on co-op term

**Royal Bank of Canada** [↗](#)

**May 2021 – Aug. 2021**

*Cloud Software Developer*

*Toronto, ON*

- Utilized **Spring Boot** framework to add features and resolve bugs in **Java microservice** for mapping numerous transaction types, used by 3 downstream teams to process over **\$1 million** in e-Transfer transactions daily
- Built a microservice from scratch and shipped it to the cloud to validate transaction records, and generate various types of e-Transfer account statements for **100+** enterprise clients
- Leveraged **Apigee** to deploy a REST API proxy with OAuth 2 and expose microservice to internal API consumers

**Spirit of Math Schools** [↗](#)

**May 2021 – Aug. 2021**

*Teaching Assistant*

*Toronto, ON*

- Supervised and aided 15 – 20 students with course material through one-on-one teaching
- Enhanced student learning with positive reinforcement strategies and broad instructional approaches
- Collaborated with fellow teaching assistants to establish an encouraging learning environment

## PROJECTS

**Hack the North 2020++** [↗](#)

**Jan. 2021**

- Created a web scraper information site to track live COVID-19 related statistics in Canada (for all provinces and territories)
- Developed with the **Flask** web framework (**Python**) using a **Jinja** template
- Styled aesthetic design using **Bootstrap 4**
- Pulled data from various COVID-19 API's and converted the **JSON** file format into easy-to-read text

**Personal Hockey Website** [↗](#)

**Dec. 2019 - Jan. 2020**

- Developed a **Django** web application (**Python**) to showcase my youth hockey and also enable users to create topics/entries, which are then stored in a database
- Deployed website to **Heroku** with a **Postgres** database and a **Jinja** template
- Styled responsiveness and aesthetic design using **Bootstrap 4** for features such as interactive buttons and calls to a backend database

## TECHNICAL SKILLS

**Languages and Markup:** Python, Java, C, C++, HTML/CSS, Bootstrap

**Developer Tools:** Linux, Git, Github, Jenkins, Heroku, PCF, Urbancode Deploy

**Technologies/Frameworks:** Flask, Django, Spring Boot, Thymeleaf, React, Apache Camel

## EXTRACURRICULAR

**Parkwoods Minor Hockey League** [↗](#)

**Oct. 2018 - Mar. 2020**

*Head Coach*

*Toronto, ON*

- Coached and coordinated 24 weekly practices to enhance players' shooting, passing, and skating abilities
- Developed effective game strategies for a team of 11 players aged 13 – 14 years
- Exceeded first years win rate by 60%, won 16/24 games in second year as head coach