

# Leon Li

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## SKILLS

Languages: C++ | Java | JavaScript | TypeScript | Python | Scala | SQL | HTML | CSS  
Technologies: Linux | React | Node.js | Express | Bash | Figma | Git

## RELEVANT EXPERIENCES

- University of Waterloo | Instructional Support Assistant | Waterloo, ON** Sep 2020 – Dec 2020
- Led instructional support, tutorials, and office hours for the advanced-level sequential programming course in **Scala**
  - Reduced current and future ISA workload by **80%** by building a suite of robust Bash scripts to handle administrative tasks
  - Developed project solutions for the Object-Oriented Programming course in **C++**
- Manulife Financial | Digital Analytics Engineer | Toronto, ON** Jan 2020 – April 2020
- Redesigned custom dashboards for Global Digital Marketing teams using **Google Analytics** and Adobe Analytics
  - Keynote speaker at monthly website optimization meetings to report new insights into key metrics and ongoing analytics initiatives
  - Implemented various UI components for Manulife's homepage in **HTML/CSS/Javascript** to boost engagement and improve user experience
- University of Waterloo | Research Assistant | Waterloo, ON** June – Aug 2019
- Collected data for a research study on C-suite compensation packages contributing more than 2500 verified data points

## EDUCATION

- Candidate for Bachelor of Computer Science Co-op, University of Waterloo 2018 – Present  
Expected Graduation: 2023
- President's Scholarship of Distinction (90%+ incoming average)
  - CS246 - Object-Oriented Programming in C++ (99% final project)

## PROJECTS

### Urban Lyrics | TypeScript, React, Node.js, Express

- Created a Chrome extension in **Typescript** to overlay YouTube song lyrics from Genius
- Implemented a **Heroku** REST API with **Node.js** and Express to reliably **scrape the web** using Puppeteer's Headless Chrome API
- Designed with Figma and implemented UI with **React**

### Data Rush | C++, X11

- Developed a strategic board game in **C++** which supports both a text-only and GUI version
- Utilized object-oriented design principles and design patterns (MVC, Observer pattern)
- Effectively used **Git** version control and test driven development

### Thrift'eh | JavaScript

- Created a web-app that offers an online thrifting experience by facilitating the process of buying and selling used clothes online
- **Hackathon winner** at THacks2 for the Sustainable Fashion Hack award
- Built with the Shopify API and Javascript

Interests: Weightlifting | Stock investing | Listening to audiobooks