

JESSE CORDEIRO

University of Toronto • Computer Science

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EDUCATION

University of Toronto – Victoria University

Honours Bachelor of Science in Computer Science

Toronto, Ontario

Expected April 2019

- **Honours:** Recipient of University of Toronto President's Scholarship

WORK EXPERIENCE

Loblaw Digital – beautyBOUTIQUE, E-Commerce Platform

Toronto, Ontario

Software Development Engineer Intern

May 2017 – September 2017

- Agile web development (Java, Python, Spring MVC, MySQL) supporting Canada's largest retailer
- Integrated OAuth 2.0 into the web client's authentication flow to support the transition towards consuming stateless web services
- Backend engineering on cart checkout API resources – contributed to the overhaul of the web client's cart checkout flow by converting the platform's session-based checkout controllers to stateless web services and exposing these services as a RESTful API

TD – WebBroker, Trading Platform

Toronto, Ontario

Software Engineer Intern

May 2016 – September 2016

- Led the design and implementation of a web application to regularly monitor SSL certificates installed on web servers across TD - alerts appropriate teams of certificates nearing expiration
- Developed a utility tool to ease the process of investigating log files in production by enabling the development team to seamlessly associate encrypted account activity with users reporting defects
- Collaborated with WebBroker's backend development team to implement new features and investigate/resolve defects affecting the trading platform
- Technologies used: Spring MVC, AngularJS, MongoDB

DEMONSTRATED QUALIFICATIONS & OPEN-SOURCE DEVELOPMENT

- Industry experience with: Java, Spring, JavaScript, React, Node.js, Python, Databases (SQL, NoSQL)
- Strong understanding of: algorithms, data structures, software design, object-oriented programming

Request Factory – Cross-Platform Mobile App (Android/iOS)

July 2017 – Present

- REST client written in React Native that supports sending HTTP requests and saving responses
- Designed and coordinated development of application architecture and components
- Established a system to improve product quality through code reviews and issue tracking

File Sync – Command-Line Interface (CLI) Tool

March 2017 – April 2017

- A program written in C which simplifies file synchronization between a client and a server
- Leverages low-level system calls (processes and TCP sockets) to transmit file information

VOLUNTEER EXPERIENCE

University of Toronto – Department of Computer Science

Undergraduate Ambassador

Toronto, Ontario

September 2016 – Present

Microsoft Canada

Student Partner, Technical Evangelism

Toronto, Ontario

September 2016 – April 2017