JESSE CORDEIRO

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EDUCATION

University of Toronto – Victoria University   **Toronto, Ontario**
Honours Bachelor of Science in Computer Science   Expected April 2019
- **Honours:** Recipient of University of Toronto President's Scholarship

WORK EXPERIENCE

University of Toronto – Department of Computer Science   **Toronto, Ontario**
Teaching Assistant – CSC207 (Software Design)   September 2017 – Present
- Leading weekly tutorials to reinforce understanding of software design concepts
- Holding office hours, responding to questions on course discussion board and assisting with grading assignments and exams to ensure students are successful in their studies
- Course topics include: Java, version control (Git), software engineering principles, design patterns

Loblaw Digital – beautyBOUTIQUE, E-Commerce Platform   **Toronto, Ontario**
Software Development Engineer Intern   May 2017 – September 2017
- 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
- Introduced the development team to an internal instance of Swagger UI to view API documentation
- Technologies used: Java, Python, Spring, JUnit, Mockito, MySQL

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: Java, JavaScript, Spring, JUnit, 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 using 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