JESSE CORDEIRO

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EDUCATION

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

WORK EXPERIENCE

MongoDB   **New York, New York**
Software Engineering Intern   May 2018 – August 2018
- Contributing to the development of MongoDB Atlas (the world's leading database as a fully automated cloud service)

University of Toronto – Department of Computer Science   **Toronto, Ontario**
Teaching Assistant – CSC207 (Software Design)   September 2017 – December 2017
- Led weekly tutorials to reinforce understanding of software design concepts
- Assisted with grading assessments, responded to questions on course discussion board and held office hours to ensure students were grasping the principles of software design
- Course topics include: Java, version control (Git), software engineering principles, design patterns

Loblaw Digital   **Toronto, Ontario**
Software Engineering Intern   May 2017 – August 2017
- Integrated OAuth into the authentication flow for the beautyBOUTIQUE.ca e-commerce platform 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 legacy session-based services to stateless web services and exposing them as a RESTful API
- Standardized API documentation for the platform by introducing an internal instance of Swagger
- Technologies used: Java, Python, Spring, JUnit, Mockito, MySQL

TD Bank   **Toronto, Ontario**
Software Engineering Intern   May 2016 – August 2016
- Led the design and implementation of an internal web application to regularly monitor SSL certificates accessed by TD's WebBroker trading platform – alerts teams of expiring certificates
- 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 issues
- Collaborated with WebBroker's backend development team to implement new features and resolve issues affecting the trading platform
- Technologies used: Java, JavaScript, Spring, JUnit, MongoDB

DEMONSTRATED QUALIFICATIONS & OPEN-SOURCE DEVELOPMENT

- Industry experience with: Java, Spring, JavaScript, React, Node.js, Python, Databases (SQL, NoSQL)

Request Factory (Developer Tool) – Cross-Platform Mobile App (Android/iOS)
- REST client written using React Native that supports sending API 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