

Rachel Wong

2B COMPUTER ENGINEERING · UNIVERSITY OF WATERLOO

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Skills

Languages	C, C++, Java, Python, Javascript, Typescript, HTML5/CSS3, VHDL, Assembly, SQL, LaTeX
Web Tooling	React, Redux, Material-UI, AngularJS, JsonForms
Developer Tools	Git, Github, Jira, SVN
Data Management	MySQL, Oracle, AWS RDS, Informatica Cloud

Summary of Qualifications

- Concrete front-end development experiences in Javascript and React
- Solid foundation in Relational and Non-Relational Database concepts and implementation
- Knowledgeable on software end to end testing methodologies
- Demonstrated teamwork, leadership and communication skills

Employment

OANDA (Canada) Corporation ULC

WEB APPLICATIONS DEVELOPER

Toronto, Ontario
May. 2019 - Aug. 2019

- Developed new registration page with tight deadline using **React**, **Typescript**, implemented with **Material-UI**, **JsonForms**
- Maintained the current registration page supporting active user base using **AngularJS**, **Python**
- Wrote unit tests for front-end components using **Enzyme**, **Karma**, **Protractor**, **Jest**

Royal Bank of Canada (RBC)

QUALITY ENGINEER AT DIGITAL SOLUTIONS GROUP

Toronto, Ontario
Sep. 2018 - Dec. 2018

- Automated repetitive manual regression tests on RBC's Rewards **AngularJS** webpage using **Java** with **Selenium** and **TestNG** allowing for more efficient workflow
- Wrote over **500+** test cases to validate **REST API** request functions with **SmartBear SoapUI**
- Performed **1000+** manual tests on RBC's Rewards webpages and mobile app to ensure responsiveness and compatibility with several types of devices and browsers

Allstream Inc.

IT INTERN

Markham, Ontario
Jan. 2018 - Apr. 2018

- Performed disaster recovery for **Salesforce DB** and Remedy data to **Amazon RDS** via ETL tool, such as **Talend Open Studio** and **Informatica Cloud**
- Updated over **500,000 Salesforce DB** records and deploying new rules to production to ensure flawless CRM experience
- Built a pipeline to verify over **1,000,000** misentered address data with **Java** by leveraging **Google Maps API**
- Generated views for **Tableau** Users to view historical data in the database

Projects

Veloce

- Prototyped a transport app for Hyperloop with a team during Hackathon Hack the Valley II using **Android Studio** and **GraphQL**
- Implemented a payment system that pays automatically using NFC chip and QR code scanner

Daily Trivia

- Used **Node.js** and **Amazon Lambda** to develop a trivia game designed to ask users questions for daily reflection
- Implemented as an **Alexa Skill** to add on to Amazon Echo products

Traffic Intersection Optimization

- Collaborated with a team using **Omega 2+** to reduce unnecessary waiting time for pedestrians