

Rachel Wong

2A COMPUTER ENGINEERING · UNIVERSITY OF WATERLOO

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Skills

Languages	C/C++, Java, SQL, HTML5/CSS3, VHDL, Assembly, Javascript, LaTeX
Tools/Framework	Selenium, TestNG, BootStrap, IntelliJ, Eclipse, Ready API, Informatica Cloud, Salesforce Lightning CRM, Talend Open Studio, Amazon Lambda, Tableau, AWS RDS, Android Studio

Summary of Qualifications

- Strong Object Oriented Programming experiences and languages such as C/C++ and Java
- Solid Foundation in Relational and Non-Relational Database concepts and implementation
- Firm teamwork, leadership and communication skills
- Knowledgeable on software end to end testing methodologies

Employment

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**
- Using **Salesforce DB** knowledge, updated over **500,000** records and deploying new rules to production
- Built a pipeline to verify over **1,000,000** misentered address data with **Java** by calling **Google Maps API**
- Generated views for **Tableau** Users to view historical data in the database

Projects

Daily Trivia

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

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- Created a personal website using **BootStrap** and **CSS/HTML** to display side projects and personal interests
- Hosted on **GitHub** for all interviews and potential employers to visit

Veloce

- Developed A transport app for Hyperloop using **Android Studio** and **custom API**
- Implemented an easy-to-use payment system that pays automatically when you get on and off the train using NFC chip and QR code scanner
- A collaborated project prototyped with a team during hackathon Hack the Valley II

Traffic Intersection Optimization

- Created using **Omega 2+** and sensors to reduce unnecessary waiting time for pedestrians
- Collaborated with a team to develop an embedded systems project

Activities

English Public Speaking Club

PRESIDENT

Hong Kong

Sep. 2015 - Sep. 2016

- Led the public speaking team of 30 members in high school as President through senior year
- Organized workshops and held bi-weekly discussions on how to deliver speeches eloquently and humorously