

Rachel Wong

2A COMPUTER ENGINEERING · UNIVERSITY OF WATERLOO

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Skills

Languages	C++, Java, SQL, HTML/CSS, Javascript, LaTeX
Tools/Framework	Selenium, TestNG, BootStrap, IntelliJ, Eclipse, Ready API, Informatica Cloud, Salesforce Lightning CRM, Amazon Lambda, Tableau, AWS RDS, Android Studio

Employment

Royal Bank of Canada (RBC)

QUALITY ENGINEER AT DIGITAL SOLUTIONS GROUP

Toronto, Ontario

Sep. 2018 - Dec. 2018

- Automated repetitive manual regression tests on Rewards Website using **Java** with **Selenium** and **TestNG**
- Validated **REST API** Requests by writing **500+** test cases using **SmartBear SoapUI**
- Performed **1000+** manual tests on Rewards Website and Mobile applications

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 **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

Atkinson Enterprise Company

TECHNICIAN

Hong Kong

May. 2017 - Jul. 2017

- Used **CorelDraw** to design blueprints for engraving machines
- Performed various types of crafting work such as cutting, drilling, dyeing, and refining of polymers and metals

Projects

Daily Trivia

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

rachelwonghw.github.io

- 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

Information Communication and Technology Club

CLUB MEMBER

Sep. 2015 - Jun. 2016

- Collaborated with teammates to assemble a **Lego EV3 robot** and deliver commands to it
- Learned how to design blueprints for 3D printing machines with 123D Design

English Public Speaking Club

PRESIDENT

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

Education

University of Waterloo

Waterloo, Ontario

CANDIDATE FOR B. ASC. IN COMPUTER ENGINEERING, HONOURS, CO-OP

Sep. 2017 - Present

- Anticipated Graduation Date: May 2022