

# Conrad Chiu

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## Technical Skills

**Languages:** Python, JavaScript, Java, MATLAB, PHP

**Other Tools:** HTML, CSS, Android Studio, Jira, Confluence, Version Control (GIT)

## Work Experience

### **Royal Bank of Canada - Quality Engineer Intern**

May 2019- August 2019

**Tools Used:** Python, PHP, HTML, CSS, SQL

- Developed Python scripts to automate the creation and linkage of test scripts to HPALM through GUI automation using image recognition. Scripts reduced the time required to create 4000 test scripts from 4 months to 11 days.
- Designed and implemented a full stack web application that allows users to query a database for different client cards depending on different requirements.
- Executed, triaged and corrected software test scripts.

### **York Region Tutoring - Tutor**

September 2018 – April 2019

- Raised average grade of student by 9%.
- Tutored students in Computer Science, Math, Physics, and Science ranging from grades 9-12.
- Created and implemented comprehensive lesson plans that accommodated specific styles of learners.

### **Sonnet Insurance (Economical) - Quality Engineer Intern** May 2017- August 2017/May 2018- August 2018

**Tools Used:** Jira, Jenkins, Salesforce, Postman, Confluence

- Developed and executed test strategies for Sonnet users, creating a bug free experience for thousands of users.
- Implemented Microsoft PICT to reduce amount of test cases by 94% while maintaining full coverage.
- Collaborated with development teams across the organization to create functional test plans, performed feature and regression testing, and detailed issue reporting.
- Worked with Accessibility Specialist to increase accessibility of the frontend and developed new guidelines for creating accessibility test cases.

## Projects

### **Grandma Meds - Personal Project**

**Tools Used:** JavaScript, HTML, CSS, Google Firebase Realtime Database

- Website designed for grandma and family to keep track of her medication.
- Values are updated in real time to allow others to see which medications she took.

### **Blackjack - Personal Project**

**Tools Used:** Java

- Blackjack game returns the percentage of your wins out of the total games played.

### **RuneScape Bot - Personal Project**

**Tools Used:** Python

- RuneScape bot to assist with leveling up certain skills, incorporates Bezier curve as well as random movements to avoid bot detection.

### **BettyDoorOpener - Group Project**

September 2016 - December 2016

- Presented a built product and pitched it to a client as a solution.
- Top 15 out of 200 groups of engineering students competing in Engineering Profession Project.

## Education

### **York University**

Bachelor of Computer Science Co-op (BSc)

Expected Graduation April 2021

CGPA: 3.8

### **McMaster University**

Bachelor of Civil Engineering Co-op (B.Eng)

September 2016- April 2018

## Hackathon

### **StarterHacks**

March 2018

**Tools Used:** Java, Python, Android Studio

- Designed an app that helps students living together keep track of money owed using Google Sheets API.