



TIFFANY CHAN

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Education

▶ **Queen's University, Kingston, Ontario**

- Honours Bachelor of Computer Science with specialization in Software Design
- Expected Graduation Date: April 2019

Skills

- Proficient in Java, Python, Haskell, Prolog, GitHub, Assembly, LeanFT, and Selenium
- Working knowledge in C#, C, HTML, CSS, JavaScript, and MATLAB
- Bilingual in English and Chinese, Cantonese

Experience

QUEEN'S UNIVERSITY COMPUTING TEACHING ASSISTANT – DEC 2017 - PRESENT

- In-class assistant for CISC221: Computer Architecture
- Responsible for attending class to help with logistics of a large classroom, answer in-class activity questions, marking tests, and inputting grades

ROYAL BANK OF CANADA: QUALITY ENGINEER CO-OP – MAY 2018 - AUG 2018

- Designed, implemented, and converted scripts in Python-Selenium to LeanFT C# in order to perform end-to-end regression testing of the RBC's internal Mortgage Application called Linx
- Organized and lead daily team stand-up meetings and tracked everyone's tasks on a Kanban board
- Professionally documented updates and failures of tests on Atlassian's Confluence

LOYALIST TOWNSHIP MUNICIPALITY: IT STUDENT – MAY 2017 - AUG 2017

- Developed and executed IT Asset Management plan across all 16 municipality locations and provided overall IT support
- Wrote simple scripts in MS Powershell to efficiently automate minuscule tasks

QUEEN'S UNIVERSITY ALMA MATER SOCIETY IT STAFF – SEPT 2016 - MAY 2016

- Provided IT support throughout the various sectors of the Alma Mater Society
- Troubleshooted computer related problems and provided support through tech requests made on iTrack
- Developed various websites using WordPress

Extracurricular Activities and Leadership

ROYAL BANK OF CANADA: STUDENT AMBASSADOR – AUG 2018 - PRESENT

- Representing and gaining visibility on campus for Technology & Operations business line by speaking about my personal work experiences and creating a network for RBC student employees
- Leveraging own campus associations and social structures to connect students to the talent pipeline

SOFTWARE DEVELOPER'S CLUB: HACKATHON DIRECTOR – APR 2017 - PRESENT

- Educating and empowering students through computer literacy
- Organizing and facilitating hackathons such as Major League Hacking's Local Hack Day and not-for-profit driven event, Code the Change

QUEEN'S COMPUTING STUDENTS' ASSOCIATION

PROFESSIONAL DEVELOPMENT DIRECTOR – APR 2018 - PRESENT

- Facilitating and leading the Professional Development Committee in planning and executing Recruitment and start-up opportunities, workshops, and Alumni speakers
- Holding a position on Student Council to help represent the students of Computing and make informed decisions to better the faculty

QUEEN'S SCHOOL OF COMPUTING STUDENT AMBASSADOR – JUL 2017 - PRESENT

- Introducing potential and incoming students to Queen's Computing Faculty in Summer/Fall Open houses, and Ontario University Fair
- Speaking professionally and honestly about my personal experiences at Queen's and providing students and parents insight and encouragement to major in the field of Computer Science

ROYAL BANK OF CANADA: STUDENT PARTNER – MAY 2018 - AUG 2018

- Attended networking opportunities throughout the company on the Ten Thousand Coffee's Platform and wrote recap articles to post on RBC Connect and 10K Coffee's platform
- Proudly represented RBC as a student mentor, built a sense of fellowship between students by creating a positive social environment and being a liaison between the students and RBC

Awards

DEAN'S HONOURS LIST – 2017-2018

- Awarded to students with an overall 3.5+ GPA during the duration of the academic year

RBC'S THINKUBATOR PITCH COMPETITION 2ND PLACE WINNER – JUL 2018

- Pitch ideation competition centred on Artificial Intelligence, Machine Learning, and Data Analytics
- 38 ideas submitted, top 5 chosen to present at finale to panel of Executives, top 3 winners chosen

LOYALIST TOWNSHIP'S TEAM PLAYER OF THE MONTH – AUG 2017

- Awarded to the employee who went out of their way to help another co-worker

QUEEN'S ALMA MATER SOCIETY'S EMPLOYEE OF THE MONTH – SEPT 2016 & MAR 2017

- Awarded to the employee who achieved excellence on the job and contributed positively to the team

Projects (<https://github.com/tiffanywgchan>)

REPAIR TICKETING SYSTEM (SEPT 2018 - PRESENT)

- Creating a web-based ticketing and asset management system for the Queen's Department of Chemistry
- Client facing front-end portal that sends information to the backend that tracks all equipment, repairs, etc.

QOFF (JAN 2018 - APR 2018)

- Mobile application that helps students stay off their phones during class using a star-reward system to lower the problem of smart-phone addiction
- Used RFID readers for students to tap on before class to activate app and the phone will remain locked

FRUIT SMASH (OCT 2017)

- A reaction based game that prompts user by visual and audio cues which fruit to touch within time limit
- Powered by Rasp Pi and is comprised of Capacitive Touch sensor, LCD Display, and Python code

PLANT.TV (NOV 2017)

- Internet of Things driven project that reports a plant's thoughts to a webpage and is comprised of a temperature sensor, HUZAH Feather microcontroller, Django framework, and Heroku cloud service
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