



TIFFANY CHAN

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Profile

Enthusiastic and dedicated third year Queen's University student looking for an opportunity to further develop and apply my programming and collaborative skills in the work field.

Skills

- Proficient in C, BASH, Java, Python, Haskell, Prolog, GitHub, Assembly, MATLAB, and MS Visio
- Working knowledge in HTML, CSS, JavaScript, and SQL
- Bilingual in English and Chinese, Cantonese

Education

▶ Queen's University, Kingston, Ontario

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

Experience

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

- One of five Teaching Assistants in CISC221: Computer Architecture
- Responsible for marking tests and weekly labs, and holding weekly office hours to provide student help

QUEEN'S UNIVERSITY ASUS COMPUTING TUTOR – SEPT 2017 - PRESENT

- Providing first and second year students private one-on-one tutoring sessions in a variety of Computing courses
- Helping students get ahead of the course work, clarifying concepts, and providing help on assignments and test prep

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

- Responsible for developing and executing IT Asset Management plan across all 16 municipality locations and providing IT support
- Wrote simple scripts in MS Powershell to efficiently automate minuscule tasks
- Awarded Team Player of the Month of August

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

- Responsible for providing IT support throughout the various sectors of Alma Mater Society
- Trouble shoot computer related problems and providing support through tech requests made on iTrack
- Developed various websites using WordPress
- Awarded Employee of the Month of September 2016 and March 2017

KINGSTON THOUSAND ISLANDS CRUISE SERVER – MAY 2016 - NOV 2016

- Provided guests from all over the world professional and excellent service
- Able to multitask and work quickly on feet in a high-stress environment
- Able to work together with co-workers to ensure meal orders are presented to guests on time

MCDONALDS CREW TRAINER – MAY 2012 - DEC 2015

- Gained leadership skills from training new employees and delegating tasks
- Accustomed with providing Excellent Customer Care for guests
- Able to work well with others, in both one-on-one and group settings

Extracurricular Activities and Leadership

QUEEN'S SCHOOL OF COMPUTING STUDENT AMBASSADOR – JULY 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

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

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

QUEEN'S COMPUTING STUDENT ASSOCIATION: FORMAL CONVENOR – APRIL 2017- PRESENT

- Computing's student government is comprised of highly motivated students who represent and bring the entire Computing student community together through various events and opportunities
- Responsible for organizing and facilitating two annual large-scale events to promote non-academic faculty events

QUEEN'S COMPUTING ORIENTATION EXECUTIVE COMMITTEE – SEPT 2016 - SEPT 2017

- Held the position of Sponsorship Coordinator and established partnerships with companies
- Provided leadership for new incoming students while representing the school professionally
- Organized and facilitated the Queen's Computing Orientation Week for the Class of 2021

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

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, HUZZAH Feather microcontroller, Django framework, and Heroku cloud service

ST. JOHN'S AMBULANCE KINGSTON REGISTRATION APPLICATION (MAR 2016)

- A consulting project for a nonprofit organization developed at charity hackathon, Code the Change
- Developed and coded in Xcode for a simple and elegant IOS application