

Andrew Yue-Keung Leung

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SKILLS

- Able to program using Java, Python, HTML, CSS, C, Bash, SQL, and Javascript
- Excellent communication, teamwork, leadership, and organizational skills developed while working in various development team environments during co-op work experiences as well as during school and side projects

EDUCATION

University of Toronto Scarborough

September 2016 – Present

Candidate, Honours Bachelor of Science (cGPA: 3.84/4.0)

Specialist in Computer Science Software Engineering Co-op Program, 4th year

- Received a \$1,000 entrance scholarship

EXPERIENCE

Teaching Assistant | University of Toronto Scarborough

May 2019 – Present

- Led tutorials, hosted office hours, invigilated exams, and graded assignments and exams for two offerings of the third-year level course CSCC43: Introduction to Databases

Programmer Analyst | CI Financial

January 2019 – April 2019

- Worked within a Scrum development team as a back-end developer
 - Used Django alongside a variety of Python and JavaScript libraries including pickle, json, requests, xml, csv, urllib, codemirror, difflib, and Django REST Framework to develop solutions for existing web applications
 - Worked with the Team Lead to create a proof of concept Django web application

Application Programmer | OPS Ministry of Education

January 2018 – April 2018

- Performed various Quality Assurance duties during the development of a web application
 - Followed a functional design document to help in designing test cases
 - Used HP Quality Center to submit and track defects through the defect lifecycle
 - Used HP Unified Functional Testing to develop scripts for automated testing
 - Developed SQL scripts to modify and verify data in the application's database for testing
- Assisted the Senior Database Administrator in performing database account maintenance activities, such as creating, unlocking, and altering accounts

PROJECTS

Client Data Management System | Java & SQL

September 2018 – December 2018

- Followed Scrum methodologies while working in a development team with 3 other students
- Continuous integration using Travis CI and dependency management using Maven
- Features includes the ability to manage user accounts, download and upload data in Excel format, input and execute SQL queries to generate a report that can be viewed in the application, save these queries for future use by other users, and export query results as a .csv file – all done with the assistance of a local MySQL database server

Discord Bot | Python & SQL

August 2017 – Present

- Utilized Git for version control while working in a team comprised of 4 friends
- Features includes the ability to stream videos from YouTube, play custom minigames with users, create events and polls, and grab information from certain websites using their APIs
 - Bot and user's game data is hosted on a Raspberry Pi 3