

Andrew Leung

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snoopysnipe.github.io

SKILLS

Programming

- Python
- SQL
- C#
- Go
- Haskell
- Java
- JavaScript
- C
- Bash
- HTML/CSS

Technologies

- Node.js
- Xamarin
- Linux
- SVN
- MySQL
- PostgreSQL
- Microsoft SQL Server
- Express.js
- Django
- Selenium
- Git
- MongoDB
- Heroku
- Microsoft Azure

EDUCATION

University of Toronto

HBSc in Computer Science

Sep 2016 – Apr 2021

CGPA: 3.84/4.0

TEACHING

University of Toronto

May 2019 – Aug 2021

- Led tutorials, hosted office hours, invigilated exams, and graded assignments and exams for the following courses:
 - CISC43 – Introduction to Databases
 - CISC63 – Design and Analysis of Data Structures
 - CISC37 – Introduction to Numerical Algorithms for Computational Mathematics

EXPERIENCES

SCI MarketView | Full-Stack Mobile & Web Developer

Sep 2020 – Dec 2020

- Implemented UI changes through Xamarin and AngularJS for a rebranding project involving the company's mobile and web applications that dealerships use to manage customers
- Developed solutions for a service that automatically notifies users of the aforementioned applications of account inactivity and password expiry via email using C# and Microsoft SQL Server
- Deployed application updates to production on a biweekly basis using GoCD

CI Financial | Back-End Developer

Jan 2019 – Apr 2019

- Implemented REST APIs using Django for various internal-use web applications to input and modify client data
- Developed a Django web application used internally to manage the metadata of forms used in other web applications

OPS Ministry of Education | Quality Assurance Analyst

Jan 2018 – Apr 2018

- Maintained the quality of an internal grant management web application by designing UI test cases and using HP Quality Center to submit and track defects
- Developed scripts using HP Unified Functional Testing to automate UI testing for the previously mentioned application
- Performed database administration activities such as creating, unlocking, and altering accounts for other employees

PROJECTS

TimetaBros | Go, React, MongoDB

- Developed the back-end of a social networking web application including the implementation and documentation of REST APIs
- Deployed the back-end with Heroku and deployed the front-end with Microsoft Azure

Client Data Management System | Java, MySQL

- Developed a desktop application with features including the ability to transfer data in Excel format and generate customizable reports that can be viewed in-app or exported
- Setup the project with continuous integration using Travis CI and dependency management using Maven

SenpaiBot | Python, SQLite

- Discord bot for streaming audio from YouTube videos into voice channels, creating events and polls, and playing custom minigames with users
- Hosted on a Raspberry Pi 3