# **SEAN LIEW**



## **SKILLS**

- Languages: Java C HTML5 CSS PHP JavaScript SQL Visual Basic
- Tools: jQuery Bootstrap MySQL Git Linux TensorFlow

#### PROGRAMMING

## Stalkify | Spotify Helper

Feb 2018

- Creating web app that allows the user to track listening habits and history of themselves and their friends
- Implementing Spotify Web API integration to retrieve user data
- Utilizing LAMP stack in conjunction with AngularJS to provide full functionality

#### **UW Sailbot** | Autonomous Sailboat

Jan 2018

- Optimized and updated team website UI to improve functionality and ease of use
- Developing the Sailbot's computer vision, using TensorFlow aided machine learning with open source classifier to detect and track buoy position and distance

#### GenZ | Stock Picker & Tracker

Feb 2017

- Designed front-end display using HTML, CSS, jQuery and custom JavaScript animation
- Utilized Google Finance REST API to retrieve requested stock ticker data
- Implemented PHP, MySQL backbone to support login and registration system, as well as display purchased stocks and track net gains per user

### Tic Tac Toe | Mini Game

Feb 2018

- Implemented a tic tac toe game in Java that experiments with multithreaded operation
- Solidified knowledge of Object Oriented programming practices

#### **EXPERIENCE**

#### Wading Pool Attendant | Toronto

June 2016 - Sept 2016

- Reinforced conflict resolution and communication skills through interaction with pool patrons
- Ensured a safe aquatic environment through vigilant supervision and accident prevention

## Meagan's Walk | Cancer Research Fundraiser

May 2012 – May 2017

- Facilitated event day registration ensuring contact and pledge information were submitted
- Promoted event on digital and physical platforms

## **Student Orientation Leader** | Bishop Allen Academy

Sept 2016 - Nov 2016

- Provided a friendly and welcoming environment for freshmen students at overnight camp
- Demonstrated strong organizational, planning and leadership ability throughout the program

## **EDUCATION**

## University of Waterloo | Computer Science

2017 - 2022

- Candidate for Bachelor of Computer Science, Honours Degree
- Coursework includes Algorithm Design, Functional Programming, Linear Algebra and Mechanics