SEAN LIEW

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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