SEAN LIEW

SOFTWARE DEVELOPER

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TECHNICAL SKILLS

LANGUAGES

JavaScript
HTML · CSS
PHP · SQL
C++ · C
Python · Java

TOOLS

React · AngularJS
MySQL · MongoDB
Node.js · Express
D3.js · jQuery
Drupal · Git
Linux / Unix Shell

EDUCATION

Computer Science, Honours
University of Waterloo
2017 - 2022

AWARDS

University of Waterloo
Presidents Scholarship

Bishop Allen Academy
Academic Excellence

CONTACT

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EXPERIENCE

Web Developer | University of Waterloo   05/ 2018 – 08/ 2018
- Independently designed and implemented high traffic pilot website for client, for use within the Waterloo CMS
- Created D3.js based infographic content type
- Developed and maintained custom Drupal modules with PHP, in use across 800+ sites

Site Maintainer | UW Sailbot   01/ 2018
- Implemented design features using Bootstrap and jQuery
- Identified and resolved numerous responsive design and accessibility flaws

PROJECTS

WeatherBox.me | Weather to Music   08/ 2018
- Suggests music to fit the mood of any chosen city's weather
- Crafted responsive React interface to search cities and display song suggestions to users
- Deployed Node.js, Express web server on a custom configured Digital Ocean Linux VPS

Message in a Packet   09/ 2018
- Users leave a message for a future visitor, and receive a message from the previous visitor
- Created React frontend coupled with Node.js backend running Express and MongoDB

Stalkify | Spotify Dashboard   02/ 2018
- AngularJS web app that allows the user to track their listening habits and explore audio features for their favourite songs
- Integrated Spotify API with application using PHP to retrieve user data and detailed item information for each track, album and artist

GenZ | Stock Picker & Tracker   02/ 2017
- Fantasy stock picker integrated with Google Finance API
- Designed user interface using HTML, CSS, and jQuery + vanilla JavaScript animation
- Architected MySQL database to handle login, registration and stock ownership, providing performance statistics to users with PHP