


KIERAN SUKACHEVIN

 [kieran-sukachevin](#)

 kieran.sukachevin@gmail.com

 [kieransukachevin](#)

 (301) 919 - 4512

 Soquel, CA 95073

OBJECTIVE

Recent Computer Science graduate looking to combine skills and interests in software development and art, focusing in the area of computer graphics or user interfaces.

SKILLS

Python C++ JavaScript TypeScript HTML CSS Angular Object-Oriented Programming
Web Programming Algorithms Sketching/Visualization Design/Illustration Drawing/Draftsmanship

EDUCATION

B.S. in Computer Science

Walla Walla University

 Spring 2022

Cumulative GPA: 3.66

Minor in Art

Walla Walla University

 Spring 2022

WORKING EXPERIENCE

Web Programmer - Student Association Web Team

Walla Walla University

 September 2021 - September 2022

 College Place, WA

- Wrote and maintained HTML, CSS, and TypeScript code for the Walla Walla University student body website.
- Used Angular framework and continuous development with GitHub.
- Wrote PHP, JavaScript, HTML, and SQL for a student elections page (on WordPress).

OTHER EXPERIENCE

Chapter President - Walla Walla University

Engineers Without Borders

 September 2021 - June 2022

 College Place, WA

- President of the Engineers Without Borders, Walla Walla University Chapter with ongoing engineering projects in Meghalaya, India, Tanzania, and locally in Walla Walla, Washington.
- Managed team of nine chapter officers including project managers.
- Delegated tasks and assigned responsibilities to chapter officers.
- Led weekly meetings and made decisions on chapter matters.

PROJECTS

Playlist Alphabetizer (TypeScript) - [source](#)

- Created an Angular web app that alphabetizes your Spotify playlists.
- Utilizes the Angular Http Client Module to make requests to Spotify API endpoints including user authentication, retrieving user information, and retrieving and modifying user playlists.
- Leverages the Angular component structure with a shared service module for back-end functions (including http calls) and data retrieval.
- Uses the Bubble Sort Algorithm for sorting the songs on a playlist alphabetically.
- Project written in TypeScript, HTML, and CSS.

Personal Website (TypeScript) - [source](#)

- [Check it out!](#)

- Created a personal, Angular website for my projects and art.
 - Uses TypeScript for dynamic DOM changes (opacity, mouse events, positioning, etc).
 - Utilized the Angular component structure as well as data sharing and property binding.
 - Project written in TypeScript, HTML, and CSS.
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Alkalinity Titrator - UI State Machine (Python) - [source](#)

- Created a new UI state machine framework for the open source Alkalinity Titrator project.
 - Created a comprehensive test suite (unit and acceptance tests) for the UI state machine framework (Pytest).
 - Project written in Python.
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Theatre Seating Simulator (Python) - [source](#)

- Created a theatre seating simulator that sells and refunds seats.
 - Uses the MVC design pattern as the model of interaction between the three main classes (model, view, and controller).
 - Project was written in Python and implements a graphical user interface using the PyQt5 package.
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Lights Out (Dart) - [source](#)

- Created a simple 2D arcade-style game.
 - Uses the Flame package for Flutter as the game engine.
 - Uses the Flutter SDK structure to componentize game parts (player, door, background, etc).
 - Created original artwork as sprites and other assets for the game.
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Drawit (Java) - [source](#)

- Created a simple drawing app for Android.
 - Uses the Path, Paint, and Canvas classes to enable drawing.
 - Project was written in Java using the Android SDK.
 - Created original artwork for button and menu assets.
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Other Projects

- [For more projects.](#)