

Kieran Sukachevin

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(301) 919 – 4512 | *Soquel, CA*

EDUCATION

Walla Walla University | College Place, WA | Spring 2022

B.S. in Computer Science | Art Minor | GPA: 3.66

EXPERIENCE

Walla Walla University | College Place, WA

Web Programmer | September 2021 – September 2022

- o Wrote and maintained HTML, CSS, and TypeScript code for the Walla Walla University student body Angular website.
- o Enhanced and debugged TypeScript for user admin page used for adding and editing website data.
- o Created a student election page written using PHP, JavaScript, HTML, and MySQL database.

Walla Walla University | College Place, WA

President – Engineers Without Borders | September 2021 – June 2022

- o President of the Engineers Without Borders, Walla Walla University Chapter, with ongoing engineering, humanitarian projects in India, Tanzania, and Walla Walla, WA.
- o President of chapter during crucial transition period into preliminary planning for a new project in Manzini, Eswatini.
- o Managed and delegated tasks and responsibilities to team of nine-chapter officers including three project managers.

PROJECTS

Playlist Alphabetizer | *TypeScript, Angular, HTTP, HTML, CSS* | [source](#)

- o Built an Angular web app that alphabetizes Spotify playlists.
- o Utilized the Angular HTTP Client Module to make requests to Spotify API endpoints including user authentication, retrieving user information, and retrieving and modifying user playlists.
- o Leveraged the Angular component structure with a shared service module for backend functions (including HTTP calls) and data retrieval.
- o Uses the Bubble Sort Algorithm for sorting the songs on a playlist alphabetically.

Personal Portfolio Website | *TypeScript, Angular, HTML, CSS* | [source](#)

- o Built a Front-end Angular website featuring my projects and art.
- o Wrote TypeScript for interactive DOM changes including changes in opacity, element positioning, and animations.
- o Web styling and formatting using HTML and CSS.

Alkalinity Titrator – UI State Machine | *Python, Pytest* | [source](#)

- o Built a new UI state machine framework for the open-source Alkalinity Titrator project.
- o Built a comprehensive test suite (unit and acceptance tests) for the UI state machine framework using Pytest.

Theatre Seating Simulator | *Python, PyQt5* | [source](#)

- o Built a theater seating simulator GUI app in Python using the PyQt5 package that sells and refunds seats.
- o Utilized the MVC design model as interactions between the three main classes (model, view, and controller).

Drawit | *Java, Android SDK* | [source](#)

- o Built a drawing app in Java for Android using the Android SDK.
- o Utilized the built in Path, Paint, and Canvas classes to enable simulate drawing on the screen.

SKILLS

Python, JavaScript, TypeScript, C++, HTML, CSS, Angular, OOP, Web Programming, Algorithms, Sketching, Design, Illustration