

Kieran Sukachevin

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(301) 919 – 4512 | *Soquel*, CA

Software Developer

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 Developer | September 2021 – September 2022

- o Wrote and maintained HTML, CSS, and TypeScript 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 Lead a successful transition into preliminary financial and logistics planning for a new engineering project in Manzini, Eswatini.
- o Lead a 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 used for HTTP requests, data retrieval, and parsing JSON.

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 and CSS changes including changes in opacity, element positioning, and animations.
- o Wrote custom HTML for Angular templates and CSS for styling and varying media types.

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

- o Built a new UI framework for the open-source Alkalinity Titrator project (a device that performs the titration process with a Raspberry Pi brain) following a state machine, class based approach.
- o Built a comprehensive unit and acceptance testing test suite for the UI state machine framework using Pytest.

Globify | *JavaScript, NodeJS, ExpressJS, Webpack, HTML, CSS* | [source](#)

- o Building a web app that displays your top Spotify artists on a 3D globe using Webpack, NodeJS, and ExpressJS.
- o Building a Webpack and ThreeJS frontend to display user's top artists on a 3D globe.
- o Building a ExpressJS backend to retrieve data from APIs including Spotify and Wikipedia about musical artists to serve to the frontend.

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

- o Built a drawing app in Java for Android using the Android SDK.
- o Implemented an Object-Oriented design approach, utilizing the built in Path, Paint, and Canvas classes to enable simulate drawing on the screen.

SKILLS

Python, JavaScript, TypeScript, C++, HTML5, CSS, Angular, Git, Software Development, Object-Oriented Programming, Web Programming, Front-end Development, Data Structures, Algorithms, Sketching, Design