

Alia Wilkinson

Irvine, CA | +1.619.279.6733 | aliawilkinson@gmail.com | aliawilkinson.com | [Github](https://github.com) | [LinkedIn](https://www.linkedin.com/in/aliawilkinson)

Technical Skills

Strong: HTML 5, CSS 3, Javascript ES5, ES6, jQuery, ReactJS, git, RESTful API Calls, AJAX, Axios, Postman, ESRI ArcGIS Suite (ArcMap, ArcGlobe), Regular Expressions, AWS EC2

Experienced: PHP, MySQL, Redux, Bootstrap, Materialize, Firebase, AutoHotKey

Applications Developed

Pure Product - [LIVE](#) | [GITHUB](#)

Application that rates the safety and gentle factors of cosmetics by utilizing the ReactJS framework, Axios for API requests, Materialize and CSS3 for styling, Linux OS and Apache server for deployment, mySQL database and PHP server files, and AWS on the backend (LAMP stack, AWS Ubuntu deployment)

- Scraped data from external sites to acquire rating information, as well as product information (EWG, Paula's Choice, sephora.com) using **AutoHotKey**
- Built the front end in **ReactJS**, styled with **Materialize** and **CSS**, wrote endpoints in **PHP**
- Lead team in full ideation and project design via agile methodologies and a **kanban board** for organization

Solar System Explorer - [LIVE](#) | [GITHUB](#)

Educational Application for Elementary School Children that utilizes **Javascript ES5**, **jQuery**, **HTML5** and **CSS3**

- Utilized **AJAX** to contact Wikipedia, Youtube, and NASA **APIs**
- Crafted a user responsive **parallax** stellar background to enrich the experience

Professional Experience

Founder, Software Developer and Design Engineer | SunGhost Industries - 2018 to present

Fox Sports 94.9 Central Oregon Website - [LIVE](#) | [GITHUB](#)

Website for a sports station in Central Oregon with a **ReactJS** and **CSS3** front end and a **NodeJS**, **AWS**, **Linux** (Ubuntu) backend and deployment.

- Saved the station **\$100+/mo** by building an audio player from scratch that utilizes free streaming

Teaching Fellow | Colombian Ministry of National Education - July 2017 - December 2017

Developed training materials, tests, and taught children in grades 6-11 English at a disadvantaged public high school in Cali, Colombia

FTTH OSP Site Walk & Design Engineer | Black and Veatch - June 2016 to May 2017

- Computed and verified address data, fielded and designed for AT&T Lightgig fiber build using **ArcGIS** online as a founding member of the San Diego Office (Kansas City based Company)
- Introduced B&V to automation software (**AutoHotKey**) and programming to improve productivity on FTTH projects.

Lead OSP Design Engineer | CHC Consulting - October 2015 to June 2016

- Promoted from Intern to Drafter to Design Engineer to QA Design Engineer to Team Lead in utilizing Google Fiber's proprietary software.
- Increased productivity on the QA team by 80% by improving communication and training practices
- Taught **regular expressions** as part of a new process to speed up workflow.

Education

LearningFuze, 2018 | Accelerated Computer Science Program

Cal Poly Pomona 2015 | B.A. Science, Technology and Society | Minor: Geographic Information Systems (GIS)