

ALIA WILKINSON

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[Github](#) | [LinkedIn](#)

Orange County, CA

619.279.6733

SKILLS:

Strong: Javascript, HTML5, CSS3, jQuery, React.js, git, REST API's, AJAX, Axios, Postman, ESRI ArcGIS Suite (ArcMap, ArcGlobe), Regex, AWS EC2 Cloud Deployment, JSON, Wordpress, Photoshop, Illustrator, UI, UX, Materialize, Mobile Responsive Design & Media Queries

Experienced: PHP, MySQL, Redux, Bootstrap, Firebase, AutoHotKey, Node.js

APPLICATIONS DEVELOPED:

Find Pure Products : Rates the safety and ingredient list of cosmetic products [LIVE](#) | [GITHUB](#)

- Project owner and leader. Led team in full ideation and project design via **Agile/SCRUM** methodologies and a **kanban board** for organization
- Built using **React.js**, styled with **Materialize** and **CSS3** with a **mobile responsive design**, wrote endpoints in **PHP**, used **mysql** database
- Deployed using **Linux OS** and **Apache server** for deployment and **AWS** on the back end (**LAMP stack**, **AWS Ubuntu** deployment)
- Scraped data from external sites to acquire rating information, as well as product information (EWG, Paula's Choice & Sephora) using **AutoHotKey**

Solar System Explorer : Educates children about space and the cosmos [LIVE](#) | [GITHUB](#)

- Built with **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 :

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

- *Contract Web Developer* for a sports station in Central Oregon with **React.js**, **HTML5** and **CSS3** front end and a **Node.js** backend with **AWS** deployment
- **Linux (Ubuntu)** back end and deployment
- Saved the station **\$100+/mo** by building an audio player from scratch that utilizes free streaming
- Responsible for maintaining the website and its content

A Show For A Change [LIVE](#)

- **PHP**, **SQL** and **AWS** development for a video startup raising awareness on social issues

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

- Computed and verified address data, fielded and designed for AT&T Lightgig fiber build using **ArcGIS**
- Introduced B&V to automation software (**AutoHotKey**) and programming to improve productivity on FTTH projects.

Lead OSP Design Engineer | CHC Consulting | 2015 to 2016

- Provided engineering design and quality control services for large scale telecom systems for Google and AT&T
- Held daily meetings for training and communication purposes to ensure unified efforts toward a better product
- Promoted from intern to drafter to design engineer to QA design engineer to QA lead for Google Fiber projects
- Increased profitability by 80% by teaching the team **regular expressions** and increasing communication

EDUCATION:

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

LearningFuze Web Development Program | 2018