

# Alia Wilkinson

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## Qualifications

**Strong:** Javascript, HTML5, CSS3, jQuery, ReactJS, git, RESTful API Calls, AJAX, Axios, Postman, ESRI ArcGIS Suite (ArcMap, ArcGlobe), Regular Expressions, AWS EC2 Cloud Deployment

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

## Education

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

Dean's List, President's List

**LearningFuze, January 2018 - June 2018 | Accelerated Computer Science Program**

## Professional Experience

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

- Through SunGhost industries, I build web based solutions for small businesses. This includes **front end, back end, database design, streaming and e-commerce buttons**. I mainly use **React.js**, **LAMP** stack, **Node.js**, and **AWS EC2** and photo/video **storage**.
- **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
- **A Show For A Change - LIVE** - Film start up that spreads awareness through media
  - Backend PHP, SQL and AWS development for their video platform (proprietary code)

### **Previous Projects:**

- **findpureproducts.com - LIVE | GITHUB** - Rates the safety and gentle factors of cosmetics - *May 2018*
  - Scraped data from external sites to acquire rating information, as well as product information (EWG, Paula's Choice, [sephora.com](http://sephora.com)) using **AutoHotKey**
  - Built the front end in **ReactJS**, styled with **Materialize** and **CSS**, wrote endpoints in **PHP**, used mySQL database
  - Deployed using Linux OS and Apache server for deployment and **AWS** on the backend (**LAMP** stack, **AWS Ubuntu** deployment)
  - 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 Children - *March 2018*
  - 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

**Teaching Fellow | Colombian Ministry of National Education | July 2017 - Dec. 2017**

Developed training materials, taught children in grades 6-11 English at a 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
- 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