Alia Wilkinson

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Skills

Strong: Javascript, HTML5, CSS3, jQuery, React.js, git, RESTful API Calls, AJAX, Axios, Postman, ESRI ArcGIS Suite (ArcMap, ArcGlobe), Regular Expressions, AWS EC2 Cloud Deployment, JSON, Wordpress, Photoshop, Illustrator, UI, UX, graphic design, mobile responsive designs
Experienced: PHP, MySQL, Redux, Bootstrap, Materialize, Firebase, AutoHotKey, Node.js

Applications Developed:

*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) using **AutoHotKey**
- Built the front end in **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)
- Led team in full ideation and project design via A**gile/SCRUM** 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

Professional Experience

Fox Sports 94.9 Central Oregon Website - Web Developer - LIVE | GITHUB - May 2018, ongoing
- Website for a sports station in Central Oregon with a **React.js, HTML5** and **CSS3** front end and a **Node.js, AWS, 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 - Backend Developer - LIVE - October 2018, ongoing
- Back end **PHP, SQL** and **AWS** and **LAMP** development for their video platform (proprietary code)
- Film start up that spreads awareness through media

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
- 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

- **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**