Alia Wilkinson

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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/gentle factors of cosmetics - ReactJS, Materialize, CSS3, Linux, Apache, mySQL, PHP, AWS
  - Full ideation and project design via agile methodologies, as well as extensive problem solving
  - Scraped data from external sites to acquired rating information, as well as product information (EWG, Paula's Choice, sephora.com) using AutoHotKey.
  - Set up front-end using ReactJS and Materialize, styled using a combination of CSS3 and Materialize, designed according to project needs
  - Used PHP and MySQL for storing and transmitting data to client, ReactJS (ES6 and babel) and Axios for client logic, and RESTful API calls to display review videos to users

• **Fox Sports 94.9 Central Oregon Website** - LIVE | GITHUB
  - Website for a sports station in Central Oregon - ReactJS, CSS3 NodeJS, AWS, Linux (Ubuntu)
  - Built audio player from scratch that utilizes free streaming that saves the station $100+/mo
  - Created flexible, mobile-responsive design and layout using CSS
  - Set up contact form using NodeJS, deployed site using AWS EC2 (linux, Ubuntu)

• **Solar System Explorer** - LIVE | GITHUB
  - Educational Application for Elementary School Children - Javascript, jQuery, HTML5, CSS3
  - Utilized AJAX to contact Wikipedia, Youtube, and NASA APIs
  - Displayed information using CSS3 and jQuery, and Javascript ES5
  - Used a user responsive parallax stellar background for engagement purposes

Professional Experience

FTTH OSP Site Walk & Design Engineer | Black and Veatch - July 2016 to May 2017
  - Computed and verified address data, fielded and designed the layout of the physical internet for AT&T Lightgig Fiber to the Home.
  - Introduced B&V to automation software (AutoHotKey) and programming to improve productivity on FTTH projects. Designed out fiber builds.
  - Designed systems using ArcGIS online

Lead OSP Design Engineer | CHC Consulting - October 2015 to July 2016
  - Was promoted from Intern to Drafter to Design Engineer to QA Design Engineer to Team Lead.
  - Led a team of Quality Assurance (QA) Engineers and drafters in utilizing Google Fiber's proprietary software.
  - Increased productivity on the QA team by 80% by instilling communication and training best practices.

Teaching Fellow | Colombian Ministry of National Education - July 2017 to December 2017
  - Taught children in grades 6-11 English at a disadvantaged public high school in Cali, Colombia.

Education

Cal Poly Pomona, 2015
B.A. in Science, Technology and Society (STS)
Minor: Geographic Information Systems (GIS)
Dean's List, President's List

LearningFuze, 2018
Accelerated Computer Science Program