**Alexander Mesa**

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https://alexandermesa.github.io/MyPortfolio

Ambitious, energetic web developer and team player with exceptional engineering, math and computer skills seeking a technical position in a challenging, fast-paced environment.

**TECHNICAL SKILLS**

* HTML, CSS, JavaScript, jQuery, API, Firebase, Node.js, MySQL, Express, Handlebars, MongoDB, React
* Visual Basic, Excel VBA, C++, C#, Java, MATLAB
* Microsoft (Word, Excel, PowerPoint, Access, Outlook), ASPEN, AutoCAD, SharePoint

**PROFESSIONAL EXPERIENCE**

**Safety Coordinator II, Pfizer**,Morrisville, NC Contract; Feb-May, 2019

* Authored and updated Standard Operating Procedures (SOPs) for Security Officers
* Instructed the Security Officers in Morrisville, Chapel Hill, and Richmond, VA on the SOPs via Webex
* Utilized SharePoint to upload documents/forms and published pages of information

**Software Quality Assurance Intern, Sageworks (Abrigo)**, Raleigh, NC May-Aug, 2016; Jun-Aug, 2018

* Conducted quality testing of websites using C#
* Converted manual tests into automated scripts which reduced testing time by 300 hours a year
* Troubleshot and fixed over 100 bugs using automated testing programs

**Environmental Health & Safety Intern, Coatings & Adhesives Corp**, Leland, NC Jun-Aug, 2017

* Updated SOPs using Process Instrumentation Diagrams (PIDs)
* Authored safety procedures and spill hazard documents
* Identified potential hazards operators may encounter and recommended preventative measures

**PROJECTS**

**Streaming Search Project**

https://github.com/AlexanderMesa/streaming-search-project | https://streaming-search-project.herokuapp.com/

* Search a movie or TV show and get streaming information based on your streaming preferences
* Made API calls to Utelly for streaming information; rendered multiple results after search
* React, Firebase, MongoDB, Axios, Bootstrap

**Two-Player Trivia**

https://github.com/AlexanderMesa/Two-Player-Trivia | https://trivia-game-94125.herokuapp.com/

* Challenge your opponent online in a game of trivia
* Made API calls to get questions and answer choices; wrote programming logic for single-player trivia game
* jQuery, Express, Handlebars, Axios, MySQL, Sequelize, Socket IO

**Travel Project**

https://github.com/AlexanderMesa/Travel-Project | https://alexandermesa.github.io/Travel-Project/

* Search a city on the globe and get price information for hotels and flights
* Altered map layout; set up Firebase Authentication; added loading icons
* jQuery, API, Firebase, Semantic UI

**EDUCATION**

**Coding Boot Camp** **at UNC Chapel Hill** Apr 2019

* Full stack web development course for making user interface websites and manipulating databases

**North Carolina State University**, Raleigh, NC Dec 2017

**B.S. Chemical Engineering**, Minor in Mathematics, 3.37 *(cum laude)*