ALEXANDRA GRILLO

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SUMMARY

Web developer with data science and business analyst experience adept at problem solving and implementing complicated configurations. Considered by management to be high performing and quick to learn new concepts. Looking to use my programming skills and previous experience to help boost the web presence of your firm.

TECHNICAL SKILLS

LANGUAGES: Node.js | JQuery | Javascript | HTML5 | CSS3 | React | Express | MongoDB | SQL | Bootstrap | Handlebars | Sequelize | Angular | C# | Python | R

TOOLS: Git | Bitbucket | JIRA | Confluence | Tableau | Heroku | MySQL | SQL Server Management Studio | Visual Studio | Firebase | SharePoint

RELEVANT EXPERIENCE

Manager, Risk Analytics   2019 – Present
Charles Schwab & Co   Lone Tree, CO
Establishing new technology solutions to drive professional, automated, and efficient reporting. Developing workflow functionality in a front-end web application using Angular supported by C# back-end using SQL Server. Managing model risk management program pursuant to SR11-7 and SR15-18, including managing regulatory examinations.

Key Accomplishments:
- Workflow programs drive compliance for required tasks to be completed in a timely manner and leave a proper audit trail for completion
- Programmed reports using OpenXML that reduced project lead time by 75%
- Drove completion of project resulting in the closure of a Federal Reserve Bank Matters Requiring Attention (MRA)

Business Analyst/Business Systems Specialist   2009 – 2014
Great-West Financial   Greenwood Village, CO
Designed and documented requirements for a new administration system managing complex life insurance contracts. Discovered and debugged issues with the development team for unexpected results during User Acceptance Testing.

Key Accomplishments:
- Reconciled 10+ years of historical data on policies totalling $6 billion while converting data to a new administration system
- Investigated over 2,000 issues during conversion period and in production resulting in a stable system increasing overall efficiency by 50%

Key Account Manager   2016 – 2017
Great West Financial   Greenwood Village, CO

Project Leader   2015 – 2016
Great West Financial   Greenwood Village, CO

Assistant Manager   2014 – 2015
Great West Financial   Greenwood Village, CO

PROJECTS

HopeLine | **https://egyptian-tsunamis.herokuapp.com/ | https://github.com/alixgrillo/egyptianTsunamis**
- Save and follow your favorite charities in your own profile on HopeLine. Find out where charities are spending their money so you can make your donations count.
- Full-stack deployed site on Heroku using a Model-View-Controller framework
- HTML5, CSS3, JQuery, Node.js, Express, MySQL, Sequelize, Axios, OAuth, Handlebars, Bootstrap

GIF-TING | **https://github.com/alixgrillo/Gif-ting | https://alixgrillogihub.io/Gif-ting**
- Keep your holiday shopping lists organized in this program that allows a user to find and store gift ideas for everyone on their list. Gift ideas are pulled in by an API to Etsy and a stored GIF for each user makes it fun to shop.
- Organized all stored data using Firebase including tying each user to a unique key to keep information separate. Drove the logic for each form for the user interface.
- HTML5, CSS3, Javascript, JQuery, Firebase, Bootstrap

Face-Off Game | **https://github.com/alixgrillo/unit-4-game | https://alixgrillo.github.io/unit-4-game/**
- A random number face-off game to determine which of the Harry Potter houses is the strongest
- HTML5, CSS3, Javascript, JQuery

EDUCATION

Bootcamp Certificate: University of Denver, Denver, CO
A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express & React.

Masters of Science, Business Analytics: University of Edinburgh, Edinburgh, Scotland

Masters of Business Administration, Risk Management & Insurance: University of Colorado Denver, Denver, CO

Bachelor of Arts, Mathematics and History: Gonzaga University, Spokane, WA

PUBLICATIONS

STTAR: A Simheuristic-Enabled Scheme for Multi-Stakeholder Coordination of Aircraft Turnaround Operations, INFORMS Winter Simulation Conference 2019