Beau Elfman

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Github: https://github.com/belfman **Portfolio:** https://belfman.github.io/portfolio/index.html

SUMMARY OF QUALIFICATIONS:

Former High School Math Teacher with 8+ years of experience: courses taught include Business Math, Statistics, Calculus and Geometry. Excellent communication and efficient computer skills. Familiar with several coding languages including: Excel VBA, Python, and SQL. Looking to interpret and analyze data in order to add value and help lead toward viable solutions. Passionate about gathering big and identifying the right trends to optimize.

TECHNICAL SKILLS:

UCSD Extension Bootcamp: Data Analytics and Visualization
Advanced Excel: Conditional Formatting, Pivot Tables, VBA Scripting
Databases: MySQL, SQLite, NoSQL, MongoDB
*Python Programming***:** Python 3, Numpy, Pandas, Matplotlib, API Interactions, Social Media Mining
Front-End Web Visualization: HTML/CSS/JS, Bootstrap, Tableau

PROJECTS:

KickStartChart: Apply analytical skills on 4,115 projects from Kickstarter data to uncover hidden trends that show whether or not a project will be successful. Analysis and visuals are done in Excel.
Tools: Excel, Pivot Table, Formulas
https://github.com/belfman/KickStartChart

EarthQuakes: Create an interactive Leaflet Map with JavaScript to Visualize Global Earthquake data from the last 7 days, source primary data.
Tools: JavaScript, HTML, CSS, Leaflet
https://belfman.github.io/Earthquake_Visualization/index.html

NBA Awards: Data is imported from basketball-reference.com into Excel, then use Tableau to create interactable graphs that visualize comparisons of NBA end of year award winners.
Tools: Excel, Tableau, HTML, CSS/JS, GitHub
https://belfman.github.io/NBA

Is it Hotter at the Equator?: Use Python to query OpenWeatherMap API and retrieve weather information on 637 cities. Then use Pandas and Matplotlib to visualize the results.
Tools: Python, Pandas, Matplotlib, HTML/CSS
https://belfman.github.io/index.html/

EXPERIENCE:

Math Teacher (Algebra, Geometry, Business Math, Pre-Calculus)   Feb 2011-March 2018
Diego Hills Public Charter, Diego Hills Lemon Grove,
Innovation High School, San Diego, CA

- Mentored new teachers as a BTSA Coach.
- Established a Math Seminar in Algebra and Geometry, co-wrote the curriculum.
- Collaborated on the company wide Curriculum Development Team.
- Implemented and led Math Tutor training.

EDUCATION:

Data Analytics and Visualization Bootcamp: UCSD Extension, San Diego, CA   June 2018-Dec 2018
Master of Arts in Education: National University, San Diego, CA
Bachelor of Arts in Mathematics: San Diego State University, San Diego, CA