Katrina Nguyen

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OBJECTIVE

To leverage my passion for programming and excitement in writing code to provide the fuel for solving everyday practical problems. Strong communication skills combined with the proven ability to lead and collaborate with cross-functional teams to achieve challenging goals. A results-oriented and highly motivated self-starter who is fully committed to proving herself in a new environment.

TECHNICAL SKILLS

Python, SQL, Excel, JavaScript, HTML5, CSS, Microsoft Office Suite, Google Suite, Data Analysis, Statistical Modeling, Financial Analysis

PROJECTS

Weather Visualization Website
- Extracted data from the OpenWeatherMap API to assemble a dataset of over 500 random selected cities, and assembled the dataset using Matplotlib to plot various aspects of the weather versus latitude.
- Built a website provide to the source data and visualizations created as part of the analysis

California Police Salaries and Benefits
- Built a web scraper to scrape transparentcalifornia.com for data collection using Python and stored data with SQLite

UFO Sightings Website
- Created a website to log UFO sightings using pure JavaScript, HTML, and CSS.

WORK EXPERIENCE

City of Santa Clara: Management Analyst, Santa Clara, CA | *December 2018 – December 2020*
- Analyzed complex large financial datasets and derive insights by identifying trends or patterns and presented findings using Excel. Communicate findings across the organization through quarterly meetings to ensure that the financial projections are on target
- Collaborated and partnered with internal stakeholders to proactively identify process improvements. Managed critical process improvement projects by regularly reporting procedures to track results in order to transition manual processes into automated processes.
- Developed standard operating procedures to document changes to processes in order to achieve a quality end-result

City of Hermosa Beach: Management Analyst, Hermosa Beach, CA | *January 2018 – December 2018*
- Oversaw large-scale technology improvement projects leading to the transformation of the organization into a digital workplace
- Collaborated with key business and community stakeholders to develop an action plan to reduce homelessness within the jurisdiction
- Tracked and managed key performance indicators across the organization and report status to the governing board to ensure that the organization's performance is in alignment with the strategic goals

City of Santa Ana: Management Aide, Santa Ana, CA | *March 2016 – January 2018*
- Successfully reduced the organization's budget by over $1.5 million without impacting current level services by analyzing historical spending trends and forecasting future needs
- Organized, extrapolated, and disseminated financial data in order to develop visualizations and present findings to senior management and citizens on a quarterly basis to provide transparency and fiscal accountability
- Built financial forecast models and executive dashboards for senior management to track budget to actuals performance

EDUCATION

University of California, Berkeley Extensions, Berkeley, California, 2020-2021
Data Analytics and Visualization Certification: In progress

University of California, San Diego, La Jolla, California
Bachelor of Arts in Political Science/Public Law Minor: Business Administration