Farhad Omidvar

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ABOUT ME

Data Scientist | Chemical Engineer

Former Chemical Engineer with passion for Data Science. Highly adaptable, detail oriented, capable of mastering the latest technologies and tackling new challenges. Enjoy acquiring and using new skills to find solutions for problems.

TECHNICAL SKILLS

- **Languages:** Python (Including: Pandas, NumPy, SciPy, PyMongo and Flask), R, MATLAB
- **Web:** HTML/CSS, Bootstrap, JavaScript
- **Visualization:** D3.js, Plotly.js, AnyChart.js, Matplotlib, Leaflet.js,Tableau, Gmaps

- **Databases:** SQL, MySQL, MongoDB
- **Interfaces:** APIs, JSON, Beautiful Soup
- **Spreadsheets:** Excel, VBA
- **Others:** GitHub, Heroku, Statistics, Machine Learning Algorithms, Mathematics

PROFESSIONAL EXPERIENCE

Atlantic & Pacific Management | San Diego – United State   **Sep 2015- Present**

Property Assistant Manager / Data Analyst

- Design or create queries to extract property data and runs the report.
- Research market and study competitions.
- Analyze data, find trend, create visualization and present findings to management team to improve sales.
- Work with management team to set new strategies based on findings.
- Compute, classify and record numerical data to keep financial records complete while assisting with the leasing, marketing and resident relations for the community.
- Make payments to vendors.
- process resident rental payments and obtain primary financial data for use in maintaining property accounting records.

Leasing Consultant

- Leased, and maintained positive resident relations of multi-family residential apartments.

Achievements

- Promoted to an assistant manager
- Met and exceeded sales goal every month

Freelance Data Analyst | San Diego - United States   **Jan 2018 - Present**

- Perform tasks such as data mining, data cleaning, statistical analysis, and data visualization.

Eshareh Advertising Agency | Tehran - Iran   **Feb 2012-Aug 2014**

Data Analyst

- Collected, stored, queried, validated and analyzed the data.
- Created visualization and presented finding to the team.
- Identified patterns and trends in data sets.
- Worked alongside teams within the campaign.
- Defined new data collection and analysis processes.

PROJECTS

World Happiness:

- A Python Flask app representing world happiness from 2015-2017 using D3.js - Plotly.js and AnyChart.js to create visualization. Skills: Python, Flask, SQL, SQLAlchemy, HTML, CSS, Bootstrap, JavaScript, Heroku

Mission to Mars:

- A web page to display mars information scraped from various sources, using Splinter, BeautifulSoup and MongoDB database. Skills: Python, Flask, Jupyter Notebook, MongoDB, PyMongo, Pandas, Splinter, BeautifulSoup, HTML, CSS, Bootstrap, Heroku

Weather Analysis:
- A web page display analysis of the weather across the world based on proximity to the equator using Matplotlib to create visualization. Skills: Python, Pandas, NumPy, OpenWeather API, Matplotlib, HTML, CSS, Bootstrap

San Diego 311 Calls:
- Analysis of San Diego 311 calls using data from City of San Diego, US Census Bureau and Matplotlib, Gmaps to create visualization. Skills: Python, Jupyter Notebook, Pandas, SciPy, NumPy, Geocoding API, Gmaps, Regex

EDUCATION

UC San Diego Extension   **2018-2019**
Certificate, The Data Science and Visualization Boot Camp
Gain proficiencies on a host of marketable technologies like Excel, Python, JavaScript, SQL Databases, Tableau, Machine Learning and more.

Ferdowsi University of Mashhad
Bachelor of Engineering (B.Eng.) Chemical Engineering   **2007-2014**
Relevant Coursework:
Optimization of Molecular Dynamics of The Adsorption Process with GA Method |
The Adsorption Process | Different isotherms | GCMC Method |Monte Carlo Simulation |
Research About Sulfur Recovery Unit (SRU)

CERTIFICATES

Coursera
Programming for Everybody (Getting Started with Python)
Python Data Structures