

Farhad Omidvar

San Diego, United States

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Portfolio: www.farhadomidvar.com

PERSONAL PROFILE

Data Scientist | Chemical Engineer

Former Chemical Engineer with passion for Data Science who currently has sights set on a full-time data science position. Highly adaptable; Capable of mastering the latest technologies and tackling challenges.

TECHNICAL SKILLS

Languages: Python (Including: Pandas, NumPy, SciPy, SQLAlchemy, PyMongo and Flask), R, Matlab |

Databases: SQL, MySQL, MongoDB | **Web:** HTML/CSS, Bootstrap, JavaScript |

Visualization: D3.js, Plotly.js, AnyChart.js, Matplotlib, Leaflet.js, Tableau, Gmaps |

Interfaces: APIs, JSON, Beautiful Soup | **Spreadsheets:** Excel, VBA |

Others: GitHub, Heroku, Statistics, Machine Learning Algorithms, Mathematics |

EXPERIENCE

Self Employed | San Diego - United States

Jan 2018 - Present

Data Analyst

Freelancing as a data analyst for private parties. Performing tasks such as data mining, data cleaning, statistical analysis, and data visualization.

Atlantic & Pacific Management | San Diego – United State

Sep 2017- Present

Property Assistant Manager

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.

Atlantic & Pacific Management | San Diego – United states

Oct 2015 - Sep 2017

Leasing Consultant

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

Key achievements: Promoted to Assistant Manager | Met and exceeded sales goal every month

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](#)