

Ryan I. Joseph

Casselberry, FL

305.333.4120 Rijoseph89@gmail.com

<https://github.com/Ryanj535>

<https://ryanijoseph.com>

A positive, motivated Data Analyst with a legal, real estate (foreclosure), and business management background seeking entry-level Data Analyst and Business Analyst opportunities within the Orlando area. With strong skills in Python, JSON and API requests, I look to further grow my experience and career while providing valuable insights and guidance to my future employer. Currently attending UCF's Data Analytics and Visualization Boot Camp and anticipating a July 2019 completion, I will add value to your company by leveraging my previous professional experience with my passion to sort big data and find the trends that will ultimately lead your company to a bigger, more efficient bottom-line.

Technical Experience

Mortgage Analysis – Analysis of home sales in relation to major economic influences such as: Fed rates, unemployment and inflation rates (in-progress)

- By use of Jupyter Notebooks, Numpy, and Matplotlib we are currently analyzing national and regional home sales in relation to national and regional unemployment rates, federal interest rates, and inflation.
- We have pulled historic data from Kaggle, the Census, and Fannie Mae (via use of their new Beta API)
- The data from these three sources have been sorted, combined and visualized using a Matplotlib to show correlation of the data

NFL-ETL – Analysis of NFL quarterback draft picks and overall game performance from 2004-2015

- ETL project extracting NFL draft data, NFL stats data, transforming the data into usable, easy to read dataframes, and loading the data into sqlite3 and JSON flask app.
- Use of Flask, SQLAlchemy, Python, Sqlite3 and JSON with a goal to further integration HTML5, CSS and Bootstrap front-end deployment.

Pymaceuticals – Data analysis of treatment for squamous cell carcinoma (SCC) during animal trials

- By use of Jupyter Notebooks, Numpy, and Matplotlib an analysis was completed to show 1) tumor response to treatment 2) metastatic spread during treatment and 3) survival rates during treatment for 9 drugs over the course of 45 days.
- Raw data was imported via CSV and converted to data frames which, sorted, and visualized into line and bar charts for presentation.
- We were able to show two of the nine drugs were successfully able to reduce tumor size and allowed prolonged survival of the mice that were treated.

Work Experience

Staffing Now, Orlando, FL — Staffing Manager

February 2017 – June 2018

- Full-desk recruiter
- Account management and business development of well-known companies such as Taylor Morrison and RP Funding
- Legal, hospitality, mortgage, and construction staffing

Kass Shuler, P.A., Tampa, FL — Client Lead (foreclosure)

January 2015 - September 2016

- Lead a team of 16 legal assistants for the firm's largest client, Wells Fargo (consisting of approx. 60% of firm's revenue)
- Worked directly with senior management at the firm and senior management at Wells Fargo to develop strategies to reach case goals using case data and workflow customization.
- Developed process improvements in conjunction with Business Analysts to reduce judgment entered from 180 days to 90 days
- Worked directly with Wells Fargo senior management to provide customer satisfaction and implement new client requirements.
- Promoted to Client Lead within 6 months without any legal experience. Typically, a process of 1-2 years.

GoGetter Beauty, Miami, FL — Operations Manager

September 2011 - June 2013

- Manage and improve daily operations for a small, start-up company.
- Responsible for maintaining and tracking inventory levels.
- Coordination with third party vendors to achieve company goals.
- Enhance customer experience and troubleshoot customer-service related issues.
- Reduce overall costs within the company to maximize profit and reduce waste.

Education

University of Central Florida, Orlando, FL — *Bachelor of Science in Business Administration - Business Management*

August 2009 - August 2012

- Won Capstone Competition in Senior year judged by the directors of EA Games.

University of Central Florida, Orlando, FL — *Data Analytics and Visualization Boot Camp*

January 2019 - Current

- A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Json, Big Data and Machine Learning