

SUMMARY OF QUALIFICATIONS

Data analyst with experience in gathering, analyzing, manipulating, and visualizing data to translate it to meaningful outcomes. Proficient in several programming languages and able to quickly learn new skills to meet demands of projects. Enjoy collaborating with cross functional teams to achieve deliverables under strict timelines.

TECHNICAL SKILLS

- Languages: Python, SQL, NoSQL, JavaScript
- Visualization: Seaborn, Matplotlib, Plotly, D3, SVG, Leaflet, Tableau
- Markup languages: HTML, CSS
- Framework: Flask
- Database: MySQL, MongoDB, SQLite
- Reporting tools: MS Excel, Word, P.Point
- Fundamental Statistics: Modeling, Forecasting
- Big Data Tools: Hadoop, PySpark
- Working knowledge: Deep/Machine Learning

EDUCATION & PROFESSIONAL DEVELOPMENT

- **Data Analytics and Visualization** - Professional Development Program | UC-Berkeley Extension | Belmont
- **Finance - Analysis & Risk Taking** - Bachelor of Science | University of Wisconsin | La Crosse, WI
- **Sales Management** - Associate's Degree | The Institute of Public Administration

PROFESSIONAL EXPERIENCE

Data Analytics Trainee | UC Berkeley Extension | Belmont, CA October 2017- May 2018

Attended a six-month advanced professional development program for Data Analytics and Visualization

- Implemented data wrangling, cleaning, transforming, merging and reshaping data frames.
- Developed Python based API to track data and created reports using Flask, SQLAlchemy.
- Demonstrated ability to work independently and with a team of Python coders.
- Built a variety of programs using sentiment analysis, APIs, Data Munging, Media Mining, and Visualization using Seaborn, Matplotlib, Plotly, D3, SVG, Leaflet, Tableau (depending on the project).

Relevant experience

I worked on over 20 different projects, below is brief descriptions of three of them

- **Project 1 (SF Police Incidents):** Collaborated with a team of four in a project to analyzed the San Francisco Police Department (SFPD) Incident Report. We used Python, Pandas, NumPy and API requests data from data.sfgov.org. Our findings of the analysis were presented using Matplotlib and Seaborn.
- **Project 2 (SF Awareness):** For this project, we used the San Francisco Police Department (SFPD) Incident Report, containing a detailed record of police incidents for 2016. The main goal was to produce a tool that can help increase safety related awareness of the user, using different views into the data set: a number of visualizations that display neighborhood-specific incident data; a heatmap-style calendar which depicts total number of incidents for a given day; and a search feature that reports the total number of incidents which occurred within a certain radius from a given coordinate. We used Python, Html, CSS, JavaScript, D3
- **Project 3 (Education Matters):** We used the data sets to explore questions/areas such as: What are the prominent features that determine earning potential for graduating students? Is there a set of features that can be used to predict the earning potential? What, if any, natural groupings can be found in the set of features explored in the above questions? Using Machine Learning (ML) techniques, we scrutinized the relationship between various features—demographic, economic and others like major, tuition—and their impact to earning 10 years post-graduation date. The following Machine Learning techniques were employed in various analyses: 1) Decision Tree and PCA were used for feature selection. 2) Multi-variate regression analysis was trained on the top ten dominant features driving post graduate income. 3) Cluster analysis was applied to identify natural grouping among the top three features used in regression analysis. We used Python and Pandas for data munging, Matplotlib and D3 for data Visualizations, and HTML/CSS/Bootstrap and Flask for project web page.

Data Analyst | Seven Cs Group | Burlingame, CA

July. 2015 – Jan. 2017

Analyzed large data sets and generated meaningful and user-friendly reports

- Performed analysis using SQL & Excel spreadsheet (pivot tables, macros, vlookup/other formulas)
- Imported/exported and manipulated large data sets (million-row databases) under tight deadlines.
- Built Python applications using packages such as pandas and NumPy for data manipulations and Matplotlib, Seaborn and plotly for visualization purposes.

Personal Banker | Wells Fargo | Burlingame, CA

June. 2014 - July 2015

Managed daily operations and analyzed financial reports using SWOT analysis

- New market penetration
- Built clients through networking and word of mouth recommendations
- Generated business by selling products and services to potential and existing customers.
- Achieved aggressive sales goals and provided high quality customer service.
- Recognized and referred cross-sell opportunities and performed daily/weekly sales reporting.

Sales Supervisor | Macy's | La-Crosse, WI & San Francisco, CA

Mar. 2011 – Nov 2013

Lead a team of 12 people to meet sale objectives and analyzed sales data to forecast future trends

- Conducted sales evaluation reports, analyzed it, forecasted future sales.
- Suggested adjustments and revision to promotional strategies to improve sales and profitability.
- Presented sales reports to district and regional managers.