Weiwei Zhang

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EDUCATION	*MS in Analytics, University of San Francisco*	Expected in 06/2015
	BS in Math/Applied Science, UCLA	06/2012

EXPERIENCE *Data Analyst,* **City of Hope** 07/2013 - 05/2014

- Designed and implemented SQL queries to detect duplicate records of constituents in databases.
- Performed data quality analysis of user input to databases on a weekly basis.
- Analyzed, reported and made recommendations to the manager on database schemas.

Market Researcher, **LGen Partners, Inc** 08/2012 - 05/2013

- Performed business-to-business market research on behalf of clients in banking, accounting and consulting industry.
- Analyzed the performance of public companies and non-profit organizations through their SEC filings and 990 reports.
- Identified needs of business and provided leads for the clients.

PROJECTS *Data Acquisition from the Web,* **University of San Francisco** 09/2014 - 10/2014

- Implemented a program to extract data of restaurants and movies in San Francisco through Yelp API and Eventful API.
- Scraped over five hundred webpages of restaurants and movies using BeautifulSoup module in Python.
- Visualized the geographical locations of restaurants on the map of San Francisco using ggmap package and ggplot2 package in R.
- Created an animated GIF image which displays the operating status of restaurants in twenty-four hours using animation package in R.

Sentiment Classification using Machine Learning Techniques, **University of San Francisco** 08/2014

- Implemented a Naïve Bayes model for document-level sentiment classification using Python.
- Achieved an eighty percent out-of-sample accuracy in the testing document sets.

Objected-oriented Programming in C++, **UCLA** 02/2012

- Implemented classes, functions and control flows to create a short animation using C++.

SKILLS Proficient in Python, R, MySQL/MS SQL Server, SAS. Familiar with C++ and Javascript.