

## Experience

### Metis Data Scientist

Los Angeles, CA  
2020 to Current

- Built a data science portfolio of five machine learning projects utilizing neural network, deep learning, supervised learning, unsupervised learning, Natural Language Processing, classification, and regression
- Designed and presented a tutorial on building Tableau dashboards with bubble chart, bar chart, and word cloud for peer learning

### Bank of America Relationship Manager

Los Angeles, CA  
2018 to 2020

- Deepened relationships with local businesses by hosting offsite outreach events with UCLA, Kaplan, and Boingo
- Consistently maintained superb client care record as a team player and achieved Optimal Financial Center
- Supervised complex account opening and other risk control events through peer coaching
- Generated and closed new client leads close to 40% of the team goal from networking and organizing targeted client events
- Exceeded the highest sales goal by 120%+ in the region two years in a row in the hyper-competitive Santa Monica market

### V&G Consulting Principal

Los Angeles, CA  
2016 to 2018

- Consulted directly for international commercial real estate projects with over \$60M in capital raised
- Conducted business development activities for a general contractor firm bidding on projects up to \$5M
- Developed relationships and negotiated terms of partnership agreements domestically and Internationally
- Cultivated investor relations including conducting presentations, conference calls, and FAQ documents
- Advised clients of SEC and USCIS laws and regulations and recommended compliant business solutions
- Performed due diligence and packaged marketing material to educate high net worth clients and accredited investors

### Green Card Fund LLC Marketing & Sales Manager

Scottsdale, AZ | Shanghai, China  
2014 to 2016

- Developed and managed a portfolio of 30+ accounts for real estate projects on the scale of \$100M+
- Developed relationships and negotiated terms of partnership agreements with business entities in China
- Managed China-based account executives and gave sales training presentations and provided sales support
- Created and executed marketing campaigns to increase brand awareness and shape the company's public relations
- Advised clients on SEC and USCIS laws and regulations to structure deals for the alternative capital market

### Analyst

2013 to 2014

- Performed benchmark analysis on competitor deal structures and incentives paid to agents
- Conducted market research on investor preferences for deal structures
- Built and executed investor targeted marketing plan by creating communications, social media campaigns, FAQ documents, and conference calls

## Projects

### Text Summarization from Legal Documents (Semi-Supervised Learning, NLP)

- Built a credit card agreement reader with color-coded text highlighting extractive summarization on topics related to APR, fee, payment, and cash
- Utilized hierarchical topic modeling method with CorEx complete with a front-end web app built with Flask, HTML, CSS, JavaScript, and jQuery
- The application enables readers to effectively skim information and jargon dense text documents while increasing reader engagement

### Hillary Clinton's Emails (Unsupervised Learning, NLP)

- Built a Tableau Dashboard and a Tableau Story presentation to classify each email sent out by Hillary Clinton from 2009 to 2012 and analyzed her network relationships based on topics and sentiment levels
- Built topic modeling with Latent Dirichlet Allocation and utilized NLTK Vader and TextBlob for sentiment analysis
- Utilized SpaCy for text preprocessing including stemming and lemmatization

### H1N1 Vaccine Prediction (Classification)

- Built a web application with Streamlit to predict the possibility of people taking a new vaccine based on opinion-orientated questions and doctor's recommendations data from the H1N1 pandemic
- Built a SQL database with SQLite and built a model pipeline to evaluate the best model for this predictor including Logistic Regression, Native Bayes, K-Nearest Neighborhood, RandomForest, Support Vector Machine, AdaBoost, CatBoost

### Stock Market Equity per Share (Regression)

- Built a Linear Regression model to filter out of norm stocks based on equity per share and other features in earning reports
- Scrapped 1200+ annual reports from 2019 published by companies listed on the NASDAQ using BeautifulSoup and XML
- Utilized Lasso and Ridge models for regularization, validated the coefficients with Statsmodel, and evaluated the Mean Absolute Error with Cross-validation

## Contact

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## Education

### Harvard Business Analytics Program GRADUATE CERTIFICATE 2021

University of California Los Angeles  
CERTIFICATE Advanced Web and Interaction Design 2014

Pratt Institute  
MASTERS Arts & Culture Management 2010

Beijing Normal University  
B.S. Economics 2008

## Skills

LANGUAGES	Python, R, SQL, JavaScript, JQuery, HTML, CSS, Git, Mandarin
PYTHON PACKAGES	Pandas, Numpy, Scikit-learn, TensorFlow, Keras, PyTorch, NLTK, Spacy, Gensim, CorEx, Vader, TextBlob, K-Means, Transformer, BERT
MACHINE LEARNING	Regression, Classification, Natural Language Processing, Unsupervised Learning, Neural Network, Deep Learning, Clustering, Topic Modeling, Sentiment Analysis, Text Summarization
VISUALIZATION	Tableau, Matplotlib, Seaborn, GGplot, Dtale, Plotly
WEB / CLOUD	Streamlit, Flask, Spark, Web Scraping, Data Wrangling, BeautifulSoup, Selenium, Google Cloud Platform

## Competition

Genetic Engineering Attribution Challenge  
DataDriven

Pandemic Response Challenge  
XPrize

Flu Shot Learning  
DataDriven

Titanic: Machine Learning from Disaster  
Kaggle

Covid-19 Social Impact  
UCLA

## Certification

Tableau Desktop Specialist  
Credential ID 1029104

Real Estate Salesperson License  
Credential ID 02044846