Olivia Chen

Hello

I'm a bay area local seeking an entry-level data science opportunity.

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Honors

Fall 2014 – Spring 2016
Graduate Assistantship Award, AU

Dec 2014
SAS Certified Base Programmer
for SAS 9 Credential

Skills

Statistic
Probability, Survey Sampling, Bayesian Inference, Time Series Analysis, Generalized Linear Model, Regression, Design of Experiments

Machine Learning
Classification, Tree-Based Method, Support Vector Machine, PCA, Clustering, Baye Network, Natural Language Process, Probability Graphical Model

Software and Programming Lang.
Python (scikit-learn, numpy, scipy, pandas, matplotlib), R, MySQL, PostgreSQL , Spark (PySpark, MLlib), Hadoop, Java, Tableau, JavaScript(D3).

Education

American University, Washington DC   **Fall 2014 – Spring 2016**
Master of Science in Statistics (Quantitative analysis program) GPA: 3.79/4.0

University of California, Davis   **Fall 2011 – Summer 2013**
Bachelor of Science in Economics, Minor in Communication

District Data Lab Incubator Program, Washington D.C.   **March – June 2016**
Text analysis visualization project

Experience

Data Scientist Intern
Equate Analytics, Washington D.C.   **Jan – May 2016**
+ Work with data science team, using predictive analytics technique to optimize VPA (value per arrival) for healthcare websites
+ Conduct A/B tests & multi-armed bandit to analyze user web behavior & boost user retention

Celebrating Cities by Uber
Hackaton, Washington D.C.   **March 2016**
+ Interactive javascript data visualization tool about transportation accessibility of primary care in DC (2nd place)

Analyst Intern
Sol Systems, Washington D.C.   **May – Dec 2015**
+ Used APIs to build a database, conducted statistical analysis for solar production risk
+ Assembled interactive data visualization for renewable energy market
+ Applied time series analysis to forecast SREC (solar renewable energy credit) price
+ Worked with analytics team to design and build a econometrics model for SREC price

Corporate. Measurement Intern
TechnoServe, Washington D.C.   **Jan – May 2015**
+ Organize and manage raw data for hundreds of projects and indicators for program evaluations in the database by using SQL
+ Programed Excel to calculate primary indicators metrics for program evaluation and create data visualization with Tableau for reports

Graduate Research Assistant
American University, Washington D.C.   **Fall 2014 – Spring 2016**
+ Work with applied math professor on topological data analysis
+ Assisted Marketing Professor with statistical analysis (PCA, Generalized Linear Model) for paper, *The effect of out-group consumer contact on response to targeted marketing*

Siri/Apple Maps QA Analyst
Apple Inc, Cupertino CA   **Sept 2013 – August 2014**
+ Processed & analyzed user data in US and China markets for product quality assurance
+ Collaborated with engineer teams to improve Siri performance
+ Conducted in-depth data analysis using internal tools/program