



Olivia Chen

Hello

I'm a bay area local seeking a junior level data science opportunity.



Home

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Honors

Fall 2014 – Spring 2016

Graduate Assistantship Award, AU

Dec 2014

SAS Certified Base Programmer
for SAS 9 Credential

Skills

Machine Learning/Statistic

Classification, Regression,
Clustering, Tree-based methods,
Support vector machines,
Time Series, Design of Experiment,
Naïve Bayes and Bayes net

Software and Programming Lang.

Python (scikit-learn, numpy,
scipy, pandas, matplotlib), R,
MySQL, PostgreSQL, MongoDB,
Spark (PySpark, MLlib), Hadoop,
Java, JavaScript, D3, Tableau

Education

Data Science Intensive Workshop Springboard

May 2016 – Present

District Data Lab Incubator Program, Washington D.C.

March 2016 – Present

Text analysis visualization project

American University, Washington DC

Fall 2014 – Spring 2016

Master of Science in Statistics (Quantitative analysis program) GPA: 3.83

University of California, Davis

Fall 2011 – Summer 2013

Bachelor of Science in Economics, Minor in Communication

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