

Janice Luong

Greater Los Angeles Area, CA
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EDUCATION

Master of Science in *Statistics*
California State University, East Bay
GPA: 3.791

Graduated May 2019

Bachelor of Science in *Statistics*
University of California, Davis

Graduated June 2017

SUMMARY

Strong background in statistical methods and analysis demonstrated through application to solve engineering and financial problems.

Subject Matter Knowledge: Power Systems

Statistical Skills: Linear Regression, Logistic Regression, Time Series Analysis, Big Data Analytics, Machine Learning, Non-parametric Statistics, and Data Mining

Programming Skills: R, SAS, Python, SQLite, Regex, Tableau, Power BI, LaTeX, and Microsoft Office Suite

PROFESSIONAL EXPERIENCE

Vorwerk LLC – Thermomix USA

Sales Analyst, Greater Los Angeles Area, CA

December 2019 – Present

- Created an automation process from start to finish of data extraction of Google Analytics data and create data visualizations that is updated on a weekly basis.
- Assisted with creating requirements for consultants in order to attend yearly conference based on previous years attendance and staying within budget.
- Discovered that over 60% of consultants on a loaned flagship item has not returned their loaned item, leading to a discovery of over \$1 million dollars in missing stock.

Pacific Gas & Electric Company

Data Scientist Contractor, San Ramon, CA

March 2018 – June 2018

- Providing internal consulting and support cross-functional teams on the application of quantitative modeling and statistical methods.
- Used R, Tableau and Power BI to generate visualization to track metrics and patterns.
- Created linear regression models to predict and assess when gas pipes needed replacement and repairs.

Enterprise Project Management Intern, San Francisco, CA

June 2017 – September 2017

- Led statistical analysis and regression modeling for PG&E's enterprise study of major capital project cost overruns; study findings were used to improve cost estimating and executive oversight procedures.
- Data-mined and analyzed substation outage data using R to determine the optimal substation bus configuration.
- Generated probability failure curve for transformer failure to identify which assets to replace.
- Used machine learning to build decision tree model to predict which assets were going to experience failure.

Project and Resource Planning Intern, Sacramento, CA

June 2016 – August 2016

- Used Microsoft Excel to organize and clean up data pulled out from SAP for over 300 projects.
- Analyzed data pulled from SAP using Microsoft Excel and created informative plots and charts showing effectiveness of cost projections for Project and Resource Planning Group.
- Proved that even though Project and Resource Planning Group was only given 0% – 2% of what the project entails, Project and Resource Planning Group was still able to give a cost estimate that fell within AACE cost estimation classification of class 5, an error range of -50% to +100%.
- Assisted Asset Management's analyst in San Francisco, CA with inputting projects' monthly forecast costs, updating monthly forecast costs to actual costs and ordering supplies and additional funding requests for on-going projects in SRM.