Matthew C. King

Bachelors of Science in Statistics; UCLA

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Education

Bachelors of Science in Statistics
University of California, Los Angeles

Graduation Date: June 2018

Professional Experience

Data Engineer   June 2018 - Present
Farmers Insurance; Woodland Hills, CA

Served in the Chief Data Organization in the Data Engineer Rotational Program. During my time in the rotational program, I will have rotated through Financial Data Engineering, Business Intelligence, and Operational Data Engineering teams.

- Created and maintained efficient data pipeline architecture.
- Helped design Data Science platform via Data Domino.
- Used and helped pioneer the usage of Git and GitHub.
- Identified the fields that would be impacted by the CCPA for future handling.
- Developed new KPIs for tracking defects within the newly implemented Claims architecture using SciPy, Numpy, Pandas, and Tableau (for visualization & dashboard purposes)

Financial Analyst Intern   August 2017 - April 2018
Perr&Knight: Actuarial Consulting + Insurance Solutions; Santa Monica, CA

Support Financial Analysts, using Excel and R to find errors in charges that have been inaccurately reported when comparing to all final bank deposits. Also serving as a data entry specialist, which includes importing data into the specific repository used for the project.

Other Work Experience

Server   2015 - 2016
Outback Steakhouse; Fresno, CA

Barista   2014 - 2015
Sierra Sport & Racquet Club; Fresno, CA

Volunteer Work

Saturday Sports Coordinator   2014 - 2015
YFC; Fresno, CA

- Organized weekly (every Saturday) sports program for kids at a local elementary school.

Volunteer Tutor   2014 - 2016
Fresno, CA

In my spare time, volunteered to tutor kids in my local community.
- Explained many concepts using easy-to-understand terms.
- Helped develop "action-plans" for kids who needed to make significant improvements.
- Worked with kids aged 12-17 in various different Mathematical courses.

Summary

- Poised, talented, and motivated individual with desire to acquire more knowledge, and gain experience.
- Strong understanding of how to establish
- Innovative thinker that is consistently seeking opportunities in various industries.

Relevant Skills

- R
- Python
- SQL
- Tableau
- Git & GitHub
- JavaScript
- HTML & CSS
- SAS/SPSS/Stata
- Excel

Relevant Courses

- Introduction to Statistical Reasoning
- Statistical Programming with R
- Introduction to Probability
- Mathematical Statistics
- Linear Models
- Introduction to Monte Carlo Methods
- Data Analysis and Regression
- Computational Statistics with R
- Getting Up to Speed with SPSS, Stata, SAS, and R
- Directed Research in Statistics: Machine Learning
- Design & Analysis of Experiment
- Computation & Optimization for Statistics
- Practice of Statistical Consulting
- Statistical Models & Data Mining
- Python and Other Technologies for Data Analysis