

Scott Kellert

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SUMMARY Data science graduate student with real world experience in data mining projects.

EDUCATION **M.S. in Analytics**, Expected 2015.
University of San Francisco, San Francisco, California.
B.S. in Industrial Engineering and Managerial Science, 2012.
Minor in Statistics, 2012
Northwestern University, Evanston, Illinois.

INDUSTRY **AON BENFIELD, 2012 – 2014**
EXPERIENCE **Catastrophe Risk Analyst**
Data Cleaning
-Analyzed client data to ensure quality for modeling.
-Interpreted insurance data to find key risks.
Insurance Loss Modeling
-Projected potential losses given various catastrophes using vendor models.
-Innovated data visualization in Excel for clients to better understand their risk.
-Managed the pandemic and airline crash models for all clients.
Won best RFP at Fundamentals of Reinsurance training.

CAREER EDUCATION CORPORATION, 2011-2012

Operations Research Analyst Intern

Drop Out Prediction
-Implemented logistic regression model in SAS.
-Improved predictive ability of students at risk of dropping out.
-Developed data visuals using Tableau for company executives.

ALLSTATE INSURANCE COMPANY, 2011

Information Analyst Intern

Data Management
-Developed database models and definitions for the metadata repository.
-Created datasets for business units within Allstate using SQL queries.
Insurance Fraud Prediction
-Performed fraud analysis on claims data using SAS for Special Investigation Unit.
-Generated logistic regression model for fraud prediction.
Awarded outstanding rating for exceeding all expectations and excellent performance.

INDEPENDENT **Yelp Review Analysis**
PROJECTS Purpose: To create adjusted Yelp scores based on individual reviewer tendencies.
Used BeautifulSoup4 to scrape all reviews for any business.
Extracted every review that each reviewer had written for any business.
Created visuals to show the adjustment for each reviewer.

SKILLS Python, R, SAS, Tableau, SQL (SQL Server, MySQL, Postgres), Ampl, Microsoft Office

INTERESTS Volleyball, Astrophysics and Environmental Science, International Soccer, Camping, Hiking, Guitar, Pi Kappa Alpha