

# ELIZABETH ORTEGA

EMAIL: elizabethaortega@gmail.com PHONE: 714.486.7936 LOCATION: Irvine, CA  
WEB: elizabethaortega.com

## EDUCATION

California State University, Long Beach

M.S. Applied Statistics, GPA 4.0, May 2017

California Polytechnic State University, San Luis Obispo

B.S. Quantitative Economics / Minor in Statistics, GPA: 3.1, June 2013

## EMPLOYMENT

Data Scientist

*UC Irvine*

07/2020 – PRESENT

- Cleaning and analyzing over a million records of student data using SQL, R for use in tools and dashboards employed by leadership throughout the campus for decision making and forecasting
- Creating visualizations, dashboards, tools and analysis for all academic units on campus and establishing & deploying a BI system for the campus

Senior Statistical Data Analyst

*SchoolsFirst Federal Credit Union*

10/2016 – 06/2020

- Developing statistical predictive models using SQL, R and SAS to model loan originations and credit losses for portfolios totaling over \$15 billion
- Creating engaging, informative and understandable presentation materials using Excel, PowerPoint and SAS to aid senior management in making decisions regarding statistical modeling
- Cleaning and scrubbing all datasets for use in modeling using SAS and R coding, and creating a quality control process for all data used in statistical modeling

Statistical Consultant

*Statistical Consulting Group, CSULB*

01/2016 – 07/2016

- Performing statistical analysis and data cleaning for clients using R, SAS, SPSS, Minitab and interpreting & communicating results

Director of Data Services

*Q-Aces, LLC*

06/2013 – 07/2014

- Statistical analysis of keywords and online marketing data results to drive search engine traffic for clients, as well as a/b testing
- Using Tableau, Excel, R, Python & SAS to create materials detailing marketing efforts to clients using text, graphics and dashboards

## SKILLS

**Advanced:** SAS Certified Base Programmer – programming including SAS MACROS & PROC SQL, MS Excel, MS PowerPoint, MS Word, SQL (MS SQL Server), R programming

**Proficient:** Python programming, Tableau, SPSS, STATA, Matlab, Google Analytics

## ACTIVITIES

Member, American Statistical Association

2012 - Current