

# ELIZABETH ORTEGA

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## 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, June 2013

## EMPLOYMENT

Senior Statistical Data Analyst

*SchoolsFirst Federal Credit Union*

10/2016 – PRESENT

- Developing statistical predictive models using R and SAS to model loan originations, PPNR, and credit losses for distinct 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
- Extracting data for use in statistical modeling using SQL and Microsoft SQL Server
- Explaining and translating statistical concepts and models to senior management throughout the organization in a concise and understandable manner to drive decision making and optimize their forecasting process
- 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
- Meeting with clients to report findings, make recommendations and provide interpretation of results

Director of Data Services

Q-Aces, LLC

06/2013 – 07/2014

- Statistical analysis of keywords to drive search engine traffic for clients
- Working with large online marketing datasets to drive decisions for clients
- Using Tableau, Excel, R, Python & SAS to create materials detailing marketing efforts to clients using text, graphics and dashboards
- Using Google Analytics data as well as API sources to moderate SEO/SEM online marketing efforts

## SKILLS

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

**Proficient:** SQL queries, R programming, Tableau, SPSS, STATA, Matlab, Python programming, Google Analytics  
Additional experience with Java, HTML

## ACTIVITIES

Member, *American Statistical Association*

2012 - Current