# ‍‍Jonathan Navarrete

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Summary

Data scientist with experience spearheading statistical modeling methodologies for consulting projects. Projects range from fraud detection to biotech R&D. Many of the projects I work on require working with large complex data sets, conducting longitudinal data analysis and data mining.

Education

M.S. Statistics | 2016 | San Diego State University

B.A.  Economics | 2013 | California State University, San Marcos

A. A. Math/Science | 2010 | Palomar College

Certified Apache Spark Developer | 2016 | Databricks & O’Reilly Media, license 1.x-0645

Technical Skills

* Advanced statistical and predictive analytics experience
* Scripting/Programming languages: R, Python, Scala, SQL, C++, JavaScript
* Databases: SQL Server, MySQL, Redshift
* Apache Spark Developer certified
* Linux/Unix shell scripting
* Amazon Web Services (Security & Architecture, EMR, EC2, S3, Redshift)

Relevant Experience

Analytical Scientist | FICO | November 2016 – Present (4 months)

Analytical scientist working in the Analytics Engineering Group and Modeling Services as part of the Falcon Fraud services.

* Assist modeling team with data prep before modeling, and post-production troubleshooting and investigation on live models. This includes the analysis of large amounts of historical data.
* Assist with model live models by performing production data validations and score distribution analysis of models in production.
* Assist with client meetings to investigate and resolve production data problems.

Data Science Analyst | Algebraix Data Corporation | January 2016 – November 2016 (11 months)

As data science analyst, I assisted consultant clients identify solutions to business research questions. I worked closely with clients to develop statistically sound data analysis methodologies, and provide timely results to drive future business strategies. In collaboration with statistical analyses, In-house Statistician and lead statistical modeler

Research Analyst | Palomar College | July 2013 – February 2016 (2 years 8 months)

As research analyst for a grant funded program at Palomar College, I took charge in leading the way to a more data driven approach in evaluating outreach and interventions programs, and suggesting programs that positive data-backed results. In addition, I lead the training sessions for technical training for new staff.

Research FelloW | Los Angeles Urban Natural Resources Sustainability Center | January 2015 – December 2015 (1 year)

As first recipient of the LA Center Fellowship, I lead a geospatial analytics project to analyze natural resource demand for the highest urbanized national forest. Utilized R and ArcGIS to measure and display demand.

* Survey methodology and statistical analysis
* GIS and Spatial Analysis of the S. California Agency of Governments region
* Conduct literature and background research for qualitative and quantitative projects

ANalytics Intern | BusinessOnline | June 2015 – August 2015 (3 months)

As intern, I lead data-mining and geospatial analytics using R and GIS software to identify new target locations for future marketing strategies. At the end of internship, I presented findings to

* Leverage large data sets from internal and external databases to mine for key insights
* Defining business cases and solutions to business problems
* Improved overall business analytics methodology

Research Assistant | California State University, San Marcos | July 2013 – September 2016

References

*Available Upon Request.*