

# Andrew Harris

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**Data science professional ready to create insightful and actionable analyses on day one.**

## SKILLS

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- **R** – RStudio, tidyverse, caret, forecast
- **Python** – Jupyter Notebook, Pandas, Scikit-Learn; Familiarity with Statsmodels, Keras
- **SQL** – Extensive SAS Proc SQL; Familiarity with MySQL, MariaDB
- **Machine Learning** – Clustering, Regression, Classification, Cross-Validation, Visualization, and implementation in both R and Python
- **Linux** – Bash, Vim, Debian based distributions

## EXPERIENCE

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### Econ One Research

**Los Angeles, CA**

Analyst

March 2017-Present

- Conduct antitrust research and analysis for economic litigation firm:
  - Munge and analyze large data sets (hundreds of millions of observations)
  - Create support scripts (R & Python) to mine relevant topics out of thousands of discovery documents
  - Propose machine learning tools and methodologies in support of econometric case work

### General Assembly

**Santa Monica, CA**

Instructional Associate

2016

- Instructed Data Science course in which I taught students to:
  - Perform exploratory data analysis with Python
  - Build and refine machine learning models to predict patterns from data sets
  - Communicate data driven insights to technical and non-technical audiences alike

### Rossi, Doscocil & Finkelstein, LLP

**Long Beach, CA**

Staff Accountant (Audit)

2012-2014

- Specialized in fraud detection and compliance:
  - Performed fraud consulting for a major manufacturer (>\$100M in yearly revenue) at 5 national divisions
  - Implemented Benford's Law analytics to test for fraudulent disbursements
  - Automated attest procedures to increase accuracy and decrease time spent on analyzing EE records

## EDUCATION

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### University of Southern California, Marshall School of Business

**Los Angeles, CA**

Master of Science in Finance

2016

Deans' List: Fall 2015 & Spring 2016

### University of California

**Santa Barbara, CA**

Bachelor of Arts, Economics & Accounting

2011

Minors in Statistical Science, Philosophy

## ADDITIONAL INFORMATION

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- California Licensed CPA (License # 119969)
- Member: [DataScience.LA](https://DataScience.LA)
- Github: [www.github.com/andrewharris3](https://www.github.com/andrewharris3)