

Elena Palesis

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Education

M.A. in Mathematics; *Wake Forest University, Winston Salem, NC — 2013 to 2015*

B.S. in Mathematics; *Virginia Commonwealth University, Richmond, VA — 2008 to 2013*

Experience

Data Engineer at Skillz; *Oct 2016 to Present*

- Used Python and SQL to capture conversion metrics of various marketing campaigns
- Created Python pipelines to extract and transform various data sources into the Skillz data warehouse
- Integrated marketing team's tools with Facebook's Marketing API to streamline their advertising analytics
- Managed AWS Database Migration Service to stream production MySQL data to Amazon Redshift

Data Analyst at Google; *Feb 2016 to Oct 2016*

- Created Pacer, a business analytics tool built in Data Studio for account managers to create targeted campaigns and to track their progress towards their quotas.
- Optimized the Sales Operations team's SQL queries
- Using R, generated quarterly business statistics and visuals

Network Analysis Consultant at Virginia Commonwealth University; *Aug 2015 to Jan 2016*

- Cleaned grant proposal data using R and MySQL
- Used R and Python to gain various insights from this data to improve the success rate of VCU grant proposals

Teaching Assistant at Wake Forest University; *Winston Salem, NC – Aug 2013 to May 2015*

Lectured, tutored, graded, and held weekly recitation sessions for both introductory and advanced mathematics courses.

Graduate Research Student at Wake Forest University; *Winston Salem, NC – Aug 2013 to May 2015*

Developed classifications of knots and links into symmetry groups based on their Milnor invariant.

Skills

Languages

Bash, Fish shell, Python, SQL, R

Tools

Mathematica, MATLAB, Maple, LaTeX, git, pandas, boto3, numpy, matplotlib, dplyr, ggplot2, plotly, vim