

TL;DR

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Data Manipulation

R::tidyverse ★★★★★  
SQL ★★★★★  
Python ★★★

Data Visualization

R::ggplot2 ★★★★★  
R::Shiny ★★★★★  
Plotly ★★

Machine Learning & Testing

A/B Testing ★★★★★  
Mixed Effects Models ★★★★★  
Causal Inference ★★★

WORK EXPERIENCE

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Stripe

Data Science Manager

Mar 2021 - present

- Led team to deploy ML based optimization on Stripe's user-facing dashboard, increasing click through rates by 20%
- Defined experimentation strategy across Stripe's user-facing surfaces
- Worked with Marketing to publicize our causal inference analysis showing merchants saw a **10.5% boost in revenue when using our newest feature suite**

Data Scientist

Apr 2019 - Mar 2021

- Organized joint data science / UX research group on Stripe users, resulting in increased focus on no-code users
- Drove alignment across multiple teams to ensure Stripe met regulatory requirements without damaging user experience

Classy

Senior Data Scientist

Apr 2018 - Apr 2019

Data Scientist

May 2017 - Apr 2018

- Led data science work on the **The State of Modern Philanthropy 2019**
- Oversaw building of lead scoring model of potential clients

Département d'Etudes Cognitives (DEC), Ecole Normale Supérieure  
Postdoctoral Researcher

Jan 2016 - Mar 2017

COMMUNITY ENGAGEMENT

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Course Creator, **R for Publication**

2016 - present

Directory Co-maintainer, **R-Ladies Global Communication Team**

2017 - 2023

Team Member, **#barbarplots** Kickstarter on data visualization

2016

EDUCATION

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Ph.D. in Linguistics

Jan 2016

University of California, San Diego

B.A. in Linguistics & B.A. in International Studies

June 2009

Northwestern University

SKILLS

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Languages: R (expert), SQL (expert), Python (intermediate), Scala (beginner), JavaScript (beginner)

Preferred Stack: SQL, R::dplyr, R::ggplot2, R::Shiny, R::lme4, Plotly

Tools: Git, Redshift, RStudio, Praat

Citizenships: United States of America, Italy