

# KEANA RICHARDS



## RELEVANT EXPERIENCE

Current  
|  
2017



### Doctoral researcher

University of Pennsylvania

📍 Philadelphia, PA

- Planned and directed multiple research projects in collaboration with researchers in Psychology, Marketing, Engineering, Management, Mathematics, and Human Development departments across 3 institutions
- Designed qualitative (e.g., grouped text responses into themes) and quantitative (e.g., created surveys) studies to analyze impact of identity on labor market decisions, with the potential to reduce disparities across social groups
- [Master's thesis in Statistics](#): ran multilevel linear models in R to analyze the impact of race and voice pitch on person perception; communicated results through international conference presentation attended by 3800 academic and industry professionals
- GAPSA-Provost Fellow for Interdisciplinary Innovation (\$6000): designed A/B test to determine whether virtual reality intervention reduces racial prejudice
- Supervised psychology honors student in designing experimental research project, presenting research, and writing honors thesis, culminating in research award
- Led workshop on [Data entry, cleaning, and reproducible data management/analysis practices in R](#) during research assistant training

Current  
|  
2016



### Researcher

Self-Solutions

📍 Washington, DC

- Summarized empirical evidence on how to promote inclusion, safety, and innovation in organizations through white papers
- Composed technical report explaining methodology and implementation of organizational change assessment
- Developed 360-degree feedback survey to assess the frequency of emotion regulation behaviors among government employees

2017  
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2016



### Intern

Columbia Addictions Center

📍 Columbia, MD

- Presented empirical research about brain function during substance use to 40 clients
- Developed evidence-based stress management program and led 40 clients through program during treatment interventions



## EDUCATION

Current  
|  
2017



### PhD Candidate, Psychology

University of Pennsylvania

📍 Philadelphia, PA

Current  
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2017



### MA Candidate, Statistics

University of Pennsylvania, The Wharton School

📍 Philadelphia, PA

2017  
|  
2014



### BA, Psychology (cum laude)

University of Maryland, College Park

📍 College Park, MD

- BSOS Summer Scholar: [Behavioral data analysis of how confronting prejudice affects interpersonal relationships](#)
- Research assistant with the Identity and Diversity Management Lab and the Language and Music Cognition Lab

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🐙 [Github](#)

🌐 [Website](#)

in [LinkedIn](#)

## STATISTICAL SOFTWARE

R

SPSS

Python

## STATISTICAL AREAS OF EXPERTISE

multilevel linear modeling, logistic regression, mediation, moderation, factor analysis, ANOVA

## RESEARCH STRENGTHS

survey design, experimental design, RMarkdown reports, data visualization with ggplot2, data wrangling with regular expressions and the tidyverse in R, reproducibility (e.g., Github version control)

Made with the R packages [pagedown](#) and [datadrivencv](#).

The source code is available [on github.com/keanarichards/resume](https://github.com/keanarichards/resume).

Last updated on 2020-12-10.