KEANA RICHARDS

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- ⌭ Github
- 🔗 Website
- in LinkedIn

🖥 RELEVANT EXPERIENCE

Doctoral researcher
Current | 2017

University of Pennsylvania   📍 Philadelphia, PA

- Planned and directed multi-year research projects in collaboration with researchers in Psychology, Marketing, Engineering, Management, Mathematics, and Human Development departments across 3 institutions
- Used logistic regression modeling, ANOVA, mediation, factor analysis, and moderation to analyze impact of identity on decisions relevant to labor market outcomes; processed datasets with over 1000 observations in R using regular expressions and the tidyverse; identified common themes in text responses from survey data during analysis
- Master's thesis in Statistics, composed in RMarkdown for reproducibility: designed Qualtrics survey to experimentally test the impact of race and voice pitch on person perception; analyzed dataset in R, using multilevel linear modeling for data analysis and ggplot2 for data visualization; communicated results through international conference presentation
- GAPSA-Provost Fellow for Interdisciplinary Innovation ($6000): designed A/B test to study the impact of virtual reality intervention on racial prejudice
- 1.5 hour guest lecture to 200 Social Psychology students explaining the societal impact of intergroup bias and evidence-based strategies to reduce bias
- Led workshop on Data entry, cleaning, and reproducible data management/analysis practices in R during research assistant training; taught principles of data wrangling and plotting using ggplot2 in R, along with project management skills
- Supervised psychology honors student in developing experimental research project, culminating in poster presentation and research report

Researcher
Current | 2016

Self-Solutions   📍 Washington, DC

- Summarized the empirical evidence on how to promote inclusion, safety, and innovative practices in organizations through white papers
- Composed technical report explaining methodology and implementation of Organizational Health Gauge
- Developed 360-degree feedback survey to assess the frequency of emotion regulation behaviors among employees

Intern
2017 | 2016

Columbia Addictions Center   📍 Columbia, MD

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

🎓 EDUCATION

PhD Candidate, Psychology
Current | 2017

University of Pennsylvania   📍 Philadelphia, PA

MA Candidate, Statistics
Current | 2017

University of Pennsylvania, The Wharton School   📍 Philadelphia, PA

BA, Psychology (cum laude)
2017 | 2014

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