KEANA RICHARDS

✉ richards.keana@gmail.com
 Github
🔗 Website
in LinkedIn

🖥 RELEVANT EXPERIENCE

Doctoral researcher

University of Pennsylvania   📍 Philadelphia, PA

Current | 2017

- 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 to analyze impact of identity on decisions relevant to labor market outcomes; processed datasets with over 1000 observations
- Master's thesis in Statistics: used multilevel linear modeling to analyze the impact of race and voice pitch on person perception; 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
- Supervised psychology honors student in developing experimental research project, culminating in poster presentation and research report

Researcher

Self-Solutions   📍 Washington, DC

Current | 2016

- 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

Columbia Addictions Center   📍 Columbia, MD

2017 | 2016

- 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

University of Pennsylvania   📍 Philadelphia, PA

Current | 2017

MA Candidate, Statistics

University of Pennsylvania, The Wharton School   📍 Philadelphia, PA

Current | 2017

BA, Psychology (cum laude)

University of Maryland, College Park   📍 College Park, MD

2017 | 2014

- 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

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)