Richard Klein, PhD

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Experience

Researcher (Dec 2019 - Present)
Tilburg University - Methodology and Statistics

- Led team assessing risk in 2,000+ research datasets, establishing that 5-10% had privacy concerns.
- Secured €50,000 grant to collaborate with industry partner and develop DataCheck, an R package and web app that detects and prevents 14 privacy risks with over 98% accuracy.
- Used varied statistical, debugging, and visualization techniques to analyze over 100 projects in R and verify data quality.
- Created protocols used by data analysts to identify alternative analytic approaches to datasets.

Researcher (Jan 2018 - Nov 2019)
Université Grenoble Alpes

- Created lab manual and established workflows to facilitate reproducible data analysis.
- Conducted research on romantic relationships using surveys and physiological sensors paired with advanced analytic techniques.
- Queried complex data sources and extracted, combined, and restructured data into spreadsheets suitable for common data analytics tools.
- Taught Introduction to Research and Data Analysis.

Research Coordinator (Sept 2013 - May 2017)
Project Implicit, implicit.harvard.edu

- Quality tested, deployed, and monitored research studies for site with 90,000+ visitors per month.

Instructor / Graduate TA (Aug 2013 - May 2017)
University of Florida

- Taught Introduction to Psychology and received excellent teaching evaluations (4.42/5).
- Assisted with grading and organization in various courses in Psychology and Research Methods.

Education

PhD, Social Psychology (Aug 2012 - Aug 2017)
University of Florida, Gainesville, FL

- Led multiple large-scale projects coordinating 274 researchers across 33 countries.
- Designed, executed, and analyzed over 42 experiments in psychology and behavioral economics involving 23,199 participants.
- Communicated high-impact results to technical and non-technical audiences through 16 publications with 3,407 citations and dozens of talks, posters, infographics, and workshops.

MS, Social Psychology (Aug 2012 - May 2014)
University of Florida, Gainesville, FL

BS, Psychology; BS, Finance (May 2007 - May 2011)
Pennsylvania State University, University Park, PA

Skills

Experimental design | Statistical data analysis | Data visualization | MS Office Suite | R | Rmarkdown | SPSS | Qualtrics | SQL | Machine learning (hobby)