Jake **Riley**

Data Analyst | Philadelphia, PA

✉ rjake@sas.upenn.edu | ⬮ rjake

💼 Relevant Work Experience

Clinical Data Programmer / Analyst III
CHILDREN'S HOSPITAL OF PHILADELPHIA

2017 - Present
Philadelphia, PA

- **Innovate** and enhance in-house data solutions (R packages, dashboard templates, trusted data layer)
- **Consult** on analytic strategy, data visualization, and technical solutions
- Enhance proficiency of analytics team through **mentorship** and ongoing training series
- Reduce technical debt by leading code review process and **simplifying code** base
- Completion of hundreds of data requests, putting **common metrics** into standardized tables or dashboards
- Tools: *SQL, R, Qliksense, shiny, dbt*

BI Analyst - Human Resources
COMCAST

2016 - 2017
Philadelphia, PA

- Built HR **dashboards** for employee turnover, diversity, and data dictionary (1,200 users)
- **Automated** a quarterly report for the senior vice president of human resources
- Used techniques such as travelling salesman algorithms to **optimaize** travel for HR trainings
- Tools: *Tableau, R, SAP Business Objects*

Data Analyst
POLICYMAP

2015 - 2016
Philadelphia, PA

- Aggregated over 150 **national datasets** across 9 geographies
- Introduced new **automated process** for testing and data validation
- Tools: *SQL, ArcMap, R*

Production Analyst
WHOLE FOODS MARKET

2003 - 2008
Landover, MD

- **Automated** the production schedule for the Mid-Atlantic commissary, supporting 32 stores
- Determined how many 180-gallon kettles of soup to be made each hour
- Minimized **redundant usage** of kitchen equipment in food preparation
- *Tools: Excel/VBA*

🏛 Education

University of Pennsylvania
B.A. SOCIOLOGY - QUANTITATIVE METHODS | SUMMA CUM LAUDE | PHI BETA KAPPA

2012-2015
Philadelphia, PA

- Non-traditional student. Coursework focused on data analysis, GIS, and data visualization.

Community College of Philadelphia
A.A. LIBERAL ARTS | WITH HIGHEST HONORS | PHI THETA KAPPA

2011-2012
Philadelphia, PA

⚙ Skills

advanced	proficient	familiar	interested
R • data wrangling • data viz • package dev • code review	SQL • Tableau • Qliksense • shiny • GitHub • GIS	DBT • REST APIs • sentiment analysis	Python • Machine Learning • NLP • Statistics

💻 R Packages

headliner *(author)* generates building blocks for creating dynamic text
shinyobjects *(author)* allows the user to debug reactive objects at the console
simplecolors *(author)* a simple color palette that is intuitive and easy to remember
whereiation *(author)* where(is the var)iation - automated exploratory data analytics