Daniel L. Robertson

6308 Sloan Square.
Atlanta, GA
(571) 451-9241
danlrobertson89@gmail.com
danlrobertson.github.io

EXPERIENCE

September 2014 - present

ORISE Fellow, *Centers for Disease Control and Prevention*

- Automated the retrieval of data from surveys using computer vision and machine learning algorithms in `C++`
- Used web scraping techniques using `Python` and `MongoDB` to automate the quality control of data deliveries to the team
- Provided high quality data visualizations to aide in the analysis of data
- Maintained, secured, and configured team computers running on `Linux`

October 2013 - August 2014

Intern, *National Association of County and City Health Officials*

- Created reports and tools for the analysis of surveys in `R`
- Conducted an extensive longitudinal data analysis using `R`
- Used data visualization tools in Python to create geovisualizations for reports

December 2014 - April 2014

Intern, *Association of State and Territorial Health Officials*

- Synthesized data and current literature for reports
- Assisted in the creation of surveys

EDUCATION

2012 - 2012	**Master of Public Health in Epidemiology** *George Mason University*	
2012 - 2014	**Graduate Certificate in Biostatistics** *George Mason University*	
2007 - 2012	**Bachelor of Science in Community Health** *George Mason University*	

Software

2015 - present

bfork
- Author of `bfork`, `https://cran.r-project.org/web/packages/bfork`, an R package for basic `Unix` process control. The package allows R users to quickly fork and manage child processes.

2015 - present

LibreOffice
- Submitted over 40 accepted patches to the LibreOffice core

Languages `C/C++, Python, R, Scala, NoSQL, Bash, LaTeX`

CONFERENCE & POSTER PRESENTATIONS

September 22, 2015

Daniel L. Robertson, Jin-Mann S. Lin. Application of computer vision and machine learning to public health data validation. CDC/ATSDR Statistics Day. Atlanta, GA

August 26, 2015

Daniel L. Robertson, Kathryn H. Jacobsen, Heibatollah Baghi. Hunter-killed deer as a predictor of notifiable disease rates for Lyme disease and Babesiosis in New Jersey Counties, 1997 to 2013. International Conference on Emerging Infectious Diseases. Atlanta, GA

HONORS

2014	**Delta Omega Honorary Society in Public Health**, *Gamma Tau Chapter*
2014	**Phi Kappa Phi Honors Society**
2014	**GMU Graduate Service and Leadership Award**