

Daniel L. Robertson

1235 Briarhill Ln.

Atlanta, GA

(571) 451-9241

dan.robertson@anidata.org

<http://danrobertson.org>

<https://github.com/dlrobertson>

EXPERIENCE

- | | | |
|-------------------|------------------|---|
| May
2016 | - present | Software Engineer , <i>Tripwire</i> <ul style="list-style-type: none">• Come back later to find out! |
| September
2014 | - May
2016 | ORISE Fellow , <i>Centers for Disease Control and Prevention</i> <ul style="list-style-type: none">• Created a library in C++ using computer vision and machine learning techniques with object oriented design patterns to retrieve handwritten data from surveys• Used web scraping techniques with 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 Linux |
| October
2013 | - August
2014 | Intern , <i>National Association of County and City Health Officials</i> <ul style="list-style-type: none">• Created reports and tools for the analysis of surveys in R• Used data visualization tools in Python to create geovisualizations for reports |

Software

2016 - present

Servo

2015

LibreOffice

Languages & Skills

Rust, C/C++, Python, Scala, SQL, x86 Assembly, \LaTeX

EDUCATION

- | | | |
|------|--------|---|
| 2012 | - 2012 | Master of Public Health in Epidemiology <i>George Mason University</i> |
| 2012 | - 2014 | Graduate Certificate in Biostatistics <i>George Mason University</i> |
| 2007 | - 2012 | Bachelor of Science in Community Health <i>George Mason University</i> |

CONFERENCE & POSTER PRESENTATIONS

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|--------------------|--|
| 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 , <i>Gamma Tau Chapter</i> |
| 2014 | Phi Kappa Phi Honors Society |
| 2014 | GMU Graduate Service and Leadership Award |