Daniel L. Robertson

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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 in order to automate the quality control of data deliveries to the team
- Provided high quality data visualizations to aide in the analysis of data
- Participated in routine data management and analysis
- Maintained, secured, and configured computers running 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

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**

TECHNICAL SKILLS & OPEN SOURCE CONTRIBUTIONS

2015 — **LibreOffice - Contributing Developer**

- Removed depreciated features from the internal template library through the submission of basic patches
- Worked on patches to improve bitmap rendering performance on Android devices

Languages — C++, Scala, R, Python, NoSQL, Bash, LaTeX