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| David R. Grolling |
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**EDUCATION**

**University of Maryland**: MPS Geospatial Information Sciences anticipated 5/15, College Park, MD (8/12- 5/15)

GPA: 3.89, Anticipated Summa Cum Laude

Courses: Web Programming, Project Management, Introduction to GIS, Remote Sensing, Spatial Statistics, Spatial Analysis, Programming and Scripting, Professional Practices, Spatial Database Systems, Project Management, GIS and Spatial Modeling, Digital Image Processing and Analysis

 **State University of New York at Brockport**: B.S. received 12/07, Brockport, NY (8/04-12/07)

GPA: 3.13, Major: Anthropology, Dean’s List 3 semesters

Courses: Cultural Anthropology, Grants Management, Healthcare Administration, Medical Anthropology, Research Methodology, Sociological Statistics

**PROFESSIONAL EXPERIENCE**

**Volunteer:** MapStory, Washington, D.C. (6/14-present)

Uses ArcGIS and Python scripts to develop and automate the aggregation and geoprocessing of 400 data rows

**Data Analyst**: ALTA IT Services, Bethesda, MD (9/13-present)

Compiles nine weekly Excel data graphs used for reporting to program directors

Coordination of legacy data submissions with six participating clinical centers

Manages and assures quality control of 9,000 data elements and their requirements and metadata

**Clinical Data Manager**: Harris Corporation, Alexandria, VA (12/12-9/13)

Identified and abstracted clinical data from medical records into a registry

Maintained a higher than 98% accuracy rate, abstracting twenty records per day

**Research Assistant**: Health Research and Analysis, Rockville, MD (1/10-4/12)

Responsible for multiple projects with duties including data analysis, data cleaning and coding, and dataset creation and management, literature reviews, final methodology report writing, and quality assurance

**Research Assistant**: SUNY Brockport, Brockport, NY (1/05-12/06)

Conducted field interviews with hospital patients and health administrative personnel

Co-managed three projects including their research, design, analysis, and reporting processes

**RELATED PROJECTS**

**Classification and Accuracy Assessment of a Remotely Sensed Image**, Digital Image Processing, Winter 2014

**Land Suitability and DEM Slope and Aspect Calculations using Python**, Programming and Scripting, Winter 2013

**The Fukushima Daiichi Disaster and Cancer Prediction**, GIS and Spatial Modeling, Fall 2013

**Spatial-Temporal Analysis of Lyme Disease in the DMV Area**, Spatial Statistics, Fall 2012

**TECHNICAL SKILLS**

ESRI ArcGIS Desktop 10.2, MS Office Suite (Access, Project, Excel, Word, Power Point, Access, Publisher), Adobe Acrobat, IDLE (Python GUI), ENVI, GeoSurveillance, Statistical Analysis Systems (SAS), Endnote, Oracle, SharePoint, Python, Structured Query Language (SQL), HTML, CSS, PHP, JavaScript