Starr H. Moss

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**SUMMARY**

Geographer/cartographer/GIS analyst with over 7 years of experience. Expertise in GIS mapping and analysis, static and web cartography, public speaking, and writing.

**EXPERIENCE**

Aug. 2015 – Current  **Web Development Assistant**

*University of Wisconsin-Madison Department of Radiology*

Madison, WI

* Build interactive maps using Department of Radiology datasets
* Maintain Department of Radiology website and provide timely updates

Aug. 2015 – Current  **Teaching Assistant**

*University of Wisconsin-Madison Department of Geography*

Madison, WI

* Develop curriculum for Introduction to Human Geography (Geography 101) and Introduction to the City (Geography 305)
* Lead discussions and hands-on learning activities

Jan. 2012 – Aug 2015 **Guitarist and Vocalist**

*Henhouse Prowlers Music, Inc.*

Chicago, IL

* Perform bluegrass music at festivals and venues world-wide
* Selected four times by U.S. State Department to perform and teach overseas; West Africa (2014), Nigeria (2014), East Africa (2015), Russia (2015)

Apr. 2011 – Jan. 2012 **Redistricting GIS Assistant**

*Mexican American Legal and Educational Defense Fund (MALDEF)*

Los Angeles, CA

* Oversee GIS database, draft redistricting plans, and prepare maps for public hearings and press conferences
* Compile demographic, registration, and election data for analysis
* Drafted redistricting plans for Illinois, Wisconsin, Florida, and Virginia

Sept. 2009 – Feb. 2010 **GIS Analyst**

*Active Transportation Alliance*

Chicago, IL

* Mapped Chicago bicycle and pedestrian crashes in all fifty (50) Chicago wards
* Created maps for community meetings, grant proposals, newsletters, and policy initiatives, including Illinois’ *Distracted Driving* campaign

**EDUCATION**

Anticipated Spring 2017 **Masters of Science, Cartography and GIS**

*University of Wisconsin-Madison*

Masters Thesis Project: *The Relationship between Voting and Crime: A Spatiotemporal Analysis*

Masters Thesis Advisors: A-Xing Zhu and Robert Roth

Sept. 2005 – May 2009 **Bachelor of Arts – Geography and International Studies (double major)**

*University of Wisconsin-Madison*

* GPA: 3.78/4.0

**SKILLS**

**Geospatial**

* ArcGIS for Desktop
* CartoCSS & MapBox Studio

**Languages**

* Javascript
* Python
* HTML
* CSS
* PHP
* MySQL

**Design**

* Adobe Illustrator
* Adobe Photoshop

**Other**

* Microsoft Suite
* GitHub
* Kiln
* Tortoise Hg

**Awards**

2016 First Place Award, NACIS Student Dynamic Map Competition

2016 Trewartha Research Grant, University of Wisconsin-Madison Dept. of Geography

2009 Member, Phi Beta Kappa Academic Honor Society

2005-2009 Dean’s List, University of Wisconsin-Madison