KATIE KOWALSKY

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Work Experience

Teaching Assistant
Girls Who Code   May 2015 - present
- Led group of 20 high school girls in instruction about the essentials of computer programming
- Help teach about the basics of Python, robotics, web design in HTML/CSS and Javascript & more
- Encourage and inspire students to study and work in computer science in the future

Cartographer
UW Cartography Lab   May 2014 - present
- Worked with a variety of clients to create maps
- Organized and managed geospatial databases for clients in Excel, ArcMap, and SQL
- Built an interactive teaching curriculum for K-12 students about Geography/Cartography
- Researched advanced CartoCSS aesthetic styles

Social Media Director
NACIS   June 2014 - present
- Revitalized social media strategy for a professional cartography and GIS organization
- Promoted growth in yearly conference attendance and attention to various side projects
- Doubled the scope of online audience within first month of work

Computer Services Assistant
UW College Library   August 2013 - present
- Provided IT help to various patrons to the largest undergraduate library on campus
- Spearhead projects to improve efficiency in technology circulation
- Work with UW Division of Information Technology to improve functionality of computer lab space
- Create graphics to inform patrons about changes in the library, new techonology, and tutorials

Dean's Office Assistant
UW School of Education   January - September 2013
- Created a marketing strategy through various web and social media platforms about a global interactivity map
- Managed SQL databases about international activities regarding the school of Education

Education

University of Wisconsin-Madison, BS
Cartography/GIS major
- Enrolled: September 2012
- Expected Graduation: December 2015

Awards & Honors

Arthur Robinson Student Mapmaking Award, Honorable Mention
- CO_2 Emissions Cartogram, 2013
- CaGIS Map Design Competition

David Woodward Student Interactive Mapmaking Award, Honorable Mention
- Your Body, (Not) Your Choice, 2014
- CaGIS Map Design Competition

Professional Memberships

Maptime Co-Organizer
Helps run Madison, WI chapter of open source mapping tech meetup
- October 2015 - present

NACIS Member
North American Cartographic Information Society
- May 2014 - present

Badger Cheese Club
University of Wisconsin-Madison
- September 2012 - present

Design & Software Skills

Adobe Illustrator CSx - CC
Adobe InDesign CSx - CC
Adobe Photoshop CSx - CC
ArcGIS & QGIS
CartoCSS
HTML/CSS
Javascript
    leaflet.js, d3.js, jQuery, mapbox.js, AJAX
Java
Microsoft Office Suite
PostgreSQL/PostGIS
Python