KATIE KOWALSKY

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kkowalsky
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Work Experience

Data Journalist
Wisconsin Center for Investigative Journalism
July - December 2015
-Created interactive visualizations for a series of articles related to drinking water contamination
-Utilized mapping technologies such as D3.js, leaflet.js & CartoDB on a Bootstrap framework
-Compiled and analyzed data in SQL database using PostGIS & PostgreSQL

Teaching Assistant
Girls Who Code   May 2015 - present
-Led group of 20 high school girls in instruction about the essentials of computer programming
-Taught the basics of CS through Python, robotics, web design in HTML/CSS and Javascript & APIs
-Encouraged and inspired 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

Computer Services Lead
UW College Library   August 2013 - present
-Provided IT assistance to various patrons to the largest undergraduate library on campus
-Spearhead projects to improve efficiency in technology circulation
-Managed over 30 student employees and trained them in IT skills and best practices
-Create graphics to inform patrons about changes in the library, new technology, and tutorials

Awards & Honors

Arthur Robinson Student Mapmaking Award, Honorable Mention
-CO_2 Emissions Cartogram, 2013

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

NACIS Travel & Membership Grants
-North American Cartographic Information Society, 2014

Volunteer Work

Maptime Co-Organizer
October 2014 - present
-Organizes montly meetup about open source tech related to maps in Madison, WI
-Teaches groups of 20 - 30 adults with a variety of skill levels about web mapping & open source data

Maptime HQ Outreach Lead
July 2015 - present
-Maintain a strong social media presence to inform about our organization with over 100 chapters
-Write blog posts & maintain monthly newsletters to promote the growth and changes happening

NACIS Social Media Director
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 with 500% growth in Twitter audience within a year

Education

University of Wisconsin-Madison, BS
Cartography/GIS major
-September 2012 - May 2016
-Participated in Badger Cheese Club & Chazen Art Ambassadors
-GPA: 3.2

Cartography/Design Skills

-Adobe Illustrator CS4 - CC
-Adobe Photoshop CS4 - CC
-Adobe InDesign CS6 - CC
-ArcGIS
-CartoDB
-Mapbox Studio/Tilemill
-QGIS 2.1 - 2.10

Programming Skills

-CartoCSS
-Github
-HTML/CSS
-Java
-Javascript (leaflet.js, d3.js, jQuery.js, mapbox.js)
-PostgreSQL/PostGIS
-Python