



CAREER PROFILE

Since graduating with my degree in Environmental Science, I have explored many of the fields related to my degree, but have finally found the one I am most passionate about, GIS and Cartography. I was hired by the Wisconsin State Cartographer's Office as a student GIS developer during my first semester in the GIS certificate program and have worked there throughout the program. I intend to continue down the path of development, but I also have a passion for agriculture applications, remote sensing, and conservation biology.



EXPERIENCES

GIS Developer

2016-Present

Wisconsin State Cartographer's Office

Investigate and Implement a workflow to process and prepare Landsat data and images obtained from the Amazon S3 Cloud provided by Amazon Web Services for use over large study areas in the state of Wisconsin

Maintain the Public Land Survey System database and webmap applications as well as the Control Finder applications on the SCO website. Links on homepage to both of these maps.

Introduced to and proficient in PostGRES, SQL, shell scripting, python, html, css, and javascript.

Assistant Editor for About Place Journal

2015-2016

Black Earth Institute, Wisconsin

Review and asses submissions via submittable. Help maintain database of submitters and donors as well as assist in website layout management for About Place Journal and Black Earth Institute.

High School Hockey and Softball Coach

2014-2017

Baraboo High School, Wisconsin

Apply knowledge from years of playing to coach JV and Varsity players



SKILLS & PROFICIENCY

Windows and Linux Environments



HTML & CSS



Adobe Illustrator & Photoshop



ArcMap, QGIS, Carto, & Mapbox



Python, SQL, Javascript



Amazon Web Services (AWS)



Dawson Bancroft-Short

GIS Developer/Analyst

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EDUCATION

GIS Certificate

University of Wisconsin Madison

2016-Present

Bachelor of Science in Environmental Science

Chatham University

2008-2013

Languages

English (Native)

Spanish Basic (3 years)

Swahili Basic (3 years)

Interests

Hockey

Drumming

Cooking

Gardening

Sailing