CAREER PROFILE

After graduating with a degree in Environmental Science, I took some time to work and find a path that was right for me. This lead me to the GIS Certificate program at the University of Wisconsin Madison. Environmental issues were not the only problems I learned to apply GIS solutions for. My courses gave me exponentially more skills for solving other complex problems within many domains. The complexities of environmental systems gave me a sturdy background for looking at intricate problems in almost any sector of business, natural resources, and other sciences. Through working at the Wisconsin State Cartographer's Office, I gained valuable developer skills and was able to apply them in a job setting for two years while taking classes. I seek to continue expanding my experience in GIS, GIS development, and beyond.

EXPERIENCES

Geospatial Analyst
2018-Present
Continental Mapping Consultants, Inc.

Extract feature and/or terrain data from a variety of sources and conduct research to fully prepare the data for clients. Manage content of unique databases while improving workflow and data quality.

GIS Developer
2016-2018
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

Georeference 1930s Aerial Photography for Wisconsin Coastal Bordner Survey Explorer application. Before georeferencing, automated sorting, croping, and photo-merging scripts were used to prepare images based on townships. After georeferencing, images were mosaicked and clipped by county to then be tiled seemlessly for the coastal counties of Wisconsin.
(https://maps.sco.wisc.edu/BordnerCoastal)

Maintain the Public Land Survey System PostgresSQL database and webmap applications as well as the Control Finder applications on the SCO website.

GIS Student
2016-2018
University of Wisconsin Madison

COURSES:

Intro to GIS	Intro to Remote Sensing
Intro to Cartography	Intro to Geocomputing
Advanced Quantitative Methods	Graphic Design and Cartography
	Spatial Web/Mobile Programming

GIS Capstone:

MAPPING EVAPOTRANSPIRATION

WITH LANDSAT8 IN THE METRIC MODEL

OVER LARGE STUDY AREAS

High School Hockey and Softball Coach
2014-2017
Baraboo High School, Wisconsin

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

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Dawson Bancroft-Short
GIS Developer/Analyst

✉ dawsonbancroftshort@gmail.com

📞 608-370-1687

EDUCATION

GIS Certificate
University of Wisconsin Madison
2016-2018

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

🚀 SKILLS & PROFICIENCY

Soft Skills

Teaching, Training, Coaching

Organization

Motivation & Initiative

Teamwork & Communication

Observant & Detail Oriented

Customer Service & Ability to Communicate With Diverse Population

Hard Skills

ArcGIS, QGIS, & OSGEO

Carto & Mapbox Studio

Python & SQL

Amazon Web Services (AWS)

MODFLOW with FREEWAT

HTML, CSS, & JS

Adobe Illustrator and Photoshop

Data Management

For more information and a full portfolio, please visit:

myatlas.github.io

References:

Available Upon Request

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