

ERIN HAMILTON

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Winlock, WA

EDUCATION

CARTOGRAPHY AND GIS

Master of Science (August 2014)

University of Wisconsin-Madison

GEOGRAPHIC INFORMATION SYSTEMS

Certificate (2008)

University of Washington-Tacoma

ENVIRONMENTAL SCIENCE

Bachelor of Science (2007)

The Evergreen State College
Olympia WA

SKILLS

PROGRAMMING

HTML/CSS

JavaScript (jQuery, Leaflet, D3, Foundation)

Java (JDBC, JAX-RS, JTS Topology Suite)

Python (Beautiful Soup, SAGA, ArcGIS)

Familiarity with PHP

GIS ANALYSIS & DATA MANAGEMENT

ArcGIS, QGIS, SAGA GIS, Excel,
SQLite, PostgreSQL, GeoServer,
ENVI, ERDAS

CARTOGRAPHY

ArcGIS

Adobe Illustrator

Tilemill

AWARDS

NACIS Student Dynamic Map Award (2013)

UW-Madison Trewartha Research Award (2012)

PNNL Outstanding Performance Award (2010)

PNNL Outstanding Performance Award (2009)

USFS Outstanding Performance Award (2007)

EXPERIENCE

CARTOGRAPHER

January 2013–August 2014

UW-Madison Cartography Laboratory

Madison WI

Project lead working directly with clients to build both interactive and static maps. Mentor other students on cartographic and programming techniques.

WEB DEVELOPER

September 2011–June 2014

University of Wisconsin Sea Grant Institute

Madison WI

Project lead using web technologies to create interactive maps and web tools for coastal managers and the public to explore issues concerning the Great Lakes and Wisconsin coasts.

GIS ANALYST

June 2009–September 2011

Pacific Northwest National Laboratory

Richland WA

Served as GIS task lead providing analysis, mapping, development, and data maintenance support for research projects serving multiple federal clients.

GIS SPECIALIST

February 2008–June 2009

Office of the Secretary of State-Elections

Olympia WA

Conducted cross organizational data gathering and conversion to support the 2010 redistricting project which updated Washington state voting, congressional, and legislative boundaries.

DATA CLERK

February 2007–December 2007

USFS-Olympia Forestry Sciences Laboratory

Olympia WA

Provided data entry, management, and analysis support to investigate how variable-density thinning affects small mammal populations as part of a 20-year research study on spotted owl populations in Washington state.

SERVICE

North American Cartographic Information Society

Society member since 2011 & presenter at conference

GIS Student Collective

Co-coordinated student organized GIS group 2012–2013

Wisconsin Land Information Association

Volunteer room monitor and poster registration

Heartland Farm Sanctuary

Volunteer farm worker for rescued farm animals

University of Wisconsin-Madison Science Alliance

Volunteer children's instructor teaching about mapping