

Mark T. Watson II, GISP

100 E. Darby Lane, 6A
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(502) 500-1848

U.S. Citizen

EXPERIENCE

AECOM, GIS Professional, Shaw AFB, SC

- Expeditionary GeoBase, USAF Central Command
January 2007 - present

GIS Analyst

Duties:

- Developed and currently managing ArcSDE disconnected replication dataflow process
- Performing ArcSDE geodatabase management and technical support for deployed personnel
- Managing, editing and posting ArcSDE versioned and replicated databases for Enterprise GIS
- Providing quality control and assurance of spatial data standards (SDSFIE, FGDC)
- Traveling to Middle East as needed for direct support
- Implementing PLTS Data Reviewer for quality control automation
- Creating Standard Operating Procedures to facilitate workflows and enforce policies
- Utilizing ArcGIS Model Builder and Python scripting to automate repetitive tasks
- Assisting project leader with policy development and program direction
- Performing Beta testing and analysis on new versioned custom software

- Garrison Geobase, 20th Civil Engineering Squadron
August 2006 - January 2007

GIS Technician

Duties:

- Produced cartographic material in support of base planning and development
- Maintained data relevant to the above stated objective in ArcSDE
- Modified, updated and analyzed data to maintain accuracy and meet salient needs
- Performed field data collection and conversion to ArcGIS
- Modified custom ArcGIS functionality for increased automation and to facilitate the manipulation of data
- Worked closely with and provided GIS support to the planning arm of the base

PROFESSIONAL CONTRIBUTIONS and CERTIFICATIONS

- GIS Professional (GIS Certification Institute – www.gisci.org – January 2011)
- Presentation at the 2011 ESRI Federal User Conference
- Presentation at the 2010 ESRI Federal User Conference
- Presentation at the 2009 ESRI Federal User Conference
- Presentation at the 2008 ESRI International User Conference
- Presentation at the 2008 ESRI Federal User Conference
- Presentation at the 2007 ESRI International User Conference

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EXPERIENCE, continued

Department of Transportation, Division of Planning, Commonwealth of Kentucky

May 2006 - August 2006

GIS Intern

Duties:

- Utilized ArcGIS 8.3, Exor (customized ArcGIS extensions and Oracle functionality), road centerline data, and Oracle Forms to fully update the states road data to provide accurate spatial information for 911 response
- Performed Beta testing on new versioned custom software (Exor)

Office of Mine Safety and Licensing, Commonwealth of Kentucky

May 2005 - May 2006

coop/intern

Duties:

- Scanned hard copy mine maps into digital format
- Manipulated maps to improve digital appearance using Adobe Photoshop CS2
- Digitized and georeferenced finished product utilizing ArcGIS and AutoCAD

TECHNICAL EXPERIENCE

Software - ESRI ArcGIS 8.3 - 9.3.1, Trimble Geomatics Office and GPS Pathfinder Office, Adobe Photoshop CS2, Oracle Forms, AutoCAD (limited), Statistical Program for the Social Sciences (SPSS), Microsoft Office Suite

Hardware - Trimble 5700, GeoExplorer Series, Thales Mobile Mapper, HP Designjet Scanner 4200, various large format plotters, PC, Mac

EDUCATION

B.A. Geography, University of Kentucky, May 2006

- GPA **3.72**
- Minor in Political Science