

Brenda McLuskie

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<http://www.weebly.com/weebly/main.php>

Summary I am interested in obtaining a position in a challenging environment that focuses on the use of geographical informational systems in real world applications. GIS has the capability to help us work smarter and faster than ever before and I am excited to be part of this emerging new industry.
After working as a System Administrator for many years, I wanted to explore additional areas of interest. I discovered the concept of 'visual data' and this led me to Geographical Information Systems. I learned that I have a knack for taking very complex data and mapping it in a way that illustrates the information embedded within it.

Education	North Carolina State University, Master of Geospatial Information Science and Technology	December 2013
	North Carolina State University, BA in Economics	1992
	North Carolina State University, BA in Business	1992
	University of Maryland, Associate of Arts	1990

Online Portfolio My portfolio can be found at <http://wateroakdataanalysis.weebly.com/about-me.html>
It contains examples of projects which I have completed as part of my Master's degree program. It also contains personal projects that I have completed.

Career History & Accomplishments

Graduate Teacher Assistant - North Carolina State University, GIS Graduate Department *Fall 2012-
Spring 2013*
I am the distance education teacher assistant for the graduate level classes GIS 410 and GIS 510 in the GIS department at North Carolina State University. I manage the message board supporting over 200 students and providing technical support for ArcMap 10.1, Microsoft Windows and general software usage. I developed a wiki database of previous message board questions and upgraded the ESRI Spatial Analysts instructions to assist students. I tutor students by phone or Skype to further assist them in the online education.

Assistant Swim Coach - Weddington Middle School *2012-2013
season*
I volunteered to coach the swim team for Weddington Middle School. This season the team consisted of 42 co-ed swimmers ranging in ages from 11-14. I was responsible for their training and participation in swim meets. I was also responsible for two volunteer assistant coaches from the Weddington High School. They assisted me in all activities as I mentored them to be swim coaches. I provided feedback to the high school at the conclusion of the season so that they would receive volunteer credit. I have been invited back to coach again next season.

Tutor - South Piedmont Community College *2011-2012*
I supported student development in the college tutoring center. I provided private and group tutoring services to students for basic math, Introduction to Algebra, Visual Basic Programming, Accounting and English. I also assisted students in writing papers, learning good study skills and preparing for exams.

Vice President and Senior Instructor - Water Oak Aikikai *2001
to present*
I manage all bookkeeping and administration for a Martial Arts school teaching Aikido. I currently hold a second degree black belt and teaching certificate from the international body governing Aikido. I have developed a curriculum that fulfills the needs of our students as well as meets the grading requirements of our governing organization. As a senior instructor I teach classes on a regular basis.

IT Specialist – Kennedy, Covington, Lobdell and Hickman LLP *1994-1997*
I managed and maintained a law firm Unix/Informix accounting system for over 300 users. I provided technical support and training to staff.

Network Administrator, Price McNabb *1993-1994*
Managed and maintained Novell and Unix based systems for over 100 users in an advertising company. I provided technical support and training to staff.

US Army Soldier, Specialist (E-4) - United States Army, 76 Victor, Inventory Warehouse Specialist *1987-1991*
Honorable Discharge
During the first half of my enlistment I maintained an Army warehouse housing a \$1.8 Million inventory. I supervised the conversion of the warehouse inventory from punch cards to a computerized system.
During the second half of my enlistment I worked in the Company Headquarters as the awards clerk. I implemented a new process for identifying and submitting recipients.

Certifications

ESRI Certifications

- Basics of the Geodatabase Data Model
 - Creating and Editing Geodatabase Topology with ArcGIS Desktop
 - Creating and Editing Geodatabase Features with ArcGIS Desktop
 - Getting Started with ArcGIS Spatial Analyst
 - Creating and Maintaining Metadata with ArcGIS Desktop
 - Customizing ArcGIS Desktop
 - Customizing ArcMap; Easy Ways to Extend the Interface
 - Exploring the VBA Environment
 - Getting started with Geodatabase Topology
 - Getting Started with GIS(Arc 9.2-9.3)
 - Getting Started with the Geodatabase (for ArcGIS 10)
 - Learning ArcGIS Desktop(Arc 10)
 - Learning ArcGIS Desktop (for ArcGIS 9.2-9.3)
 - Learning ArcGIS Spatial Analyst
 - The 15 minute Map: creating a Basic Map in ArcMap
 - Turning Data into Information (ArcGIS 10)
 - Understanding GIS Queries
 - Understanding Geographic Data
 - Using Python in ArcGIS Desktop 10
 - Understanding Map Projections and Coordinate Systems
 - Working with Forms in VBA
 - Working with Geodatabase Domains and Subtypes (for ArcGIS 10)
 - Basics of Raster Data (for ArcGIS 10)
 - Introduction to surface Modeling Using ArcGIS 10
 - Performing Spatial Interpolation Using ArcGIS 10
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