ANDREA R. PARSONS

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Qualifications Summary

Motivated GIS professional with over eighteen years experience with user-side and server-side GIS software who is passionate about advocating the use of Geography and GIS technology through enterprise deployment. Strong desire to bring technical and management experience to an organization who wants to harness the power of GIS for global citizen benefit as well as citizen engagement.

- Self-starter with demonstrated ability to successfully multi-task in a fast-paced environment
- Results-oriented, innovative, detail-oriented, and focused on achieving organizational goals and a high-quality level of work.
- Strong time management and organizational skills ensure timely and quality project completion
- Reputation for building trust and working productively with colleagues and clients
- Effective and analytical solutions-oriented approach to technical challenges
- Skilled oral and written communicator with effective presentation skills

Professional Experience

Columbus State Community College – Asst Professor/GIS Program Coordinator – 2006 to present

- Develops and manages the GIS Certificate and GIS Associate degree programs
- Manages GIS program budget, course schedule and all GIS adjunct faculty
- Academic advisor for all GIS students in both the Associate and Certificate programs
- Responsible for GIS program marketing and outreach
- Creator of yearly assessment and validation reports for GIS program
- Architected, implemented and managed all 20 GIS courses for semester deployment
- Department Lead on the Switch to Semesters project responsible for 193 courses being converted
- Sits on various committees at the college including: Curriculum Committee, Career and Technical Advisory Committee, Technology and Learning Roundtable Committee, Distance Learning Committee and Academic Calendar Committee
- Chairperson of Academic Calendar subcommittee responsible for future CSCC calendars
- Administrator and facilitator of deployment to Esri Community Maps program for CSCC
- Created GIS community outreach programs in conjunction with CSCC Workforce Development, the Audobon Society and the City of Columbus Forester

Environmental Systems Research Institute (Esri) - Technical Analyst – 2002 to 2006

- Provided technical support for ArcSDE for both SQL Server and Oracle in both Windows and UNIX environments
- Provided ArcSDE studio workshop implementations for the Esri St. Louis office 8 state region
- Classroom instructor for Introduction to ArcSDE, Administration of ArcSDE and Managing Geodatabases courses
- Technical Marketer responsible for understanding and implementation of the Geodatabase model
- Worked with sales staff to help clients technically understand enterprise architecture and database modeling

Quovadx – Database Architect/Administrator – 2000 to 2001

- Served as Database Lead for the pilot MedUnite project which served patient and insurance data to physician offices via the internet using Oracle and XML
- Appraisal of the available software and hardware solutions applicable to meeting client requirements for approximate cost for implementation, delivery and maintenance
- Created, maintained and tuned the development, testing, staging and production database environments
- Worked with Solution Architect team to validate data architecture consistent with design model

Convergent Group – Data Conversion Manager/Software Engineer – 1997 to 2000

- Managed staff, budget and schedules for enterprise-wide conversion effort on the VISION GIS implementation project at the City of Columbus, Ohio.
- Architected and administered relational and object-oriented data models utilizing ArcSDE for multiple clients
- UML Modeler for water, wastewater, electric, steam, police, fire, addressing and landbase projects
- Architected, managed and scheduled quality control effort for the VISION GIS Implementation project

Franklin County, OH Engineer's Office – Property Records Analyst – 1995-1997

- Helped maintain the Franklin County Auditor's GIS
- Collected and resolved GPS data for use in GIS system

The Ohio State University – Graduate Teaching Associate – 1995-1997

- Taught undergraduate courses in GIS, Geodetic Science and Surveying
- Created lesson plans, quizzes and labs for all courses taught

References

Available Upon Request

Education

Master of Science in Geographic Information Systems - College of Engineering

The Ohio State University, 1997

Bachelor of Science in Geodetic Science and Surveying- College of Engineering

The Ohio State University, 1995

Additional Training

> *ArcSDE Administration for SQL Server,*
> *ArcSDE Administration for Oracle,*
> *Managing Geodatabases*
> *Geodatabase Design Concepts*
> *Administering a SQL Server 2000 Database*
> *Intro to ArcIMS*
> *ArcIMS Administration*
> *Developing Applications with ArcGIS Server*
> *System Architecture and Design*

Additional Experience and Outreach

- Big Walnut School Levy Committee Data Lead 2011
- Community Outreach - Homestead Act 2011
- PLSO liason for CSCC for monthly meetings
- Member of the Tree Advisory Board for the City of Columbus
- Member of URISA

Computer and Trade Knowledge

- ArcGIS Desktop and Server 10.1 and below
- *DBMS:* SQL Server, Microsoft Access
- *Operating Systems:* Windows Server, Windows XP, Windows 7
- *Languages:* SQL, PL/SQL, T-SQL, Python, JavaScript, HTML
- *Additional GIS Software:* ArcSDE, Spatial and Network Analyst, ArcIMS, AutoCAD, ArcFM, ENVI, ERDAS, GeoMedia, MetaMap