

Tyler Jones

SUMMARY OF EXPERIENCE

2005 – Present	GIS Analyst, Ferguson-Jenkins & Associates, Inc., Frankfort, Kentucky
2003 – 2005	Environmental GIS Analyst, Town of Marana, Marana, Arizona
2002 – 2003	GIS Analyst, Fort Huachuca, Arizona.
2000 – 2002	Teaching/Research Assistant, University of Arizona, Tucson, Arizona
1999 – 2000	GIS Technician, The GroundWater Institute, University of Memphis, Memphis, Tennessee

DETAILS OF PROFESSIONAL EXPERIENCE

GIS Analyst Ferguson-Jenkins & Associates, Inc., Frankfort, Kentucky 2005-Present

Began working at FJ&A in September 2005. Current responsibilities include application development and enhancement utilizing the ESRI ArcGIS suite of products. Responsible for maintenance of current applications and development of enhanced functionality as required.

Environmental GIS Analyst Town of Marana, Marana, Arizona 2003-2005

Broadened Marana's enterprise GIS infrastructure by developing a lightweight GIS program in Visual Basic and ArcObjects that for use by Marana's police, development services and management. Managed and coordinated the budget and meetings for the Marana Habitat Conservation Plan and produced maps and figures for the project. Designed and implemented a pilot ArcIMS intranet website for use by Marana staff.

GIS Analyst Fort Huachuca, Arizona 2002-2003

Enhanced the fort mission for soldier training through the production of improved maps and modernizing outdated maps used by fort directorates and personnel. Extended the presence of GIS at Fort Huachuca by providing GIS support beyond original position requirements of training and environmental issues. This support included producing maps related to fort security, wildlife management and civilian recreation. Also provided GIS support to outside agencies, including the National Forest Service and The Nature Conservancy, to aid in fire management and response in the Huachuca Mountains of Arizona.

Teaching/Research Assistant
University of Arizona, Tucson, Arizona
2000-2002

Designed web-based learning modules for the Department of Geography's ArcInfo GIS class. Served as a teaching assistant in computer cartography, GIS, and introductory natural science courses and was an instructor in biogeography and introductory geography courses. Responsibilities included demonstrating and teaching ArcView and ArcInfo to students and grading GIS labs and exams.

GIS Technician
The Groundwater Institute, University of Memphis, Memphis, Tennessee
1999-2000

State of Tennessee (1999-2000):

Created and maintained an ArcInfo database related to state forest landholdings and land exchanges with private owners. Digitized new data layers from surveyor plats using the ArcInfo ArcEdit and COGO.

State of Tennessee (2000):

Assisted in creation of GIS data library of privately owned wells for the state of Tennessee and used ArcView to verify locations of privately owned wells.

TECHNICAL EXPERIENCE

Continuing Education:

ESRI Certified Training: Introduction to Programming ArcObjects with VBA
ESRI Certified Training: Introduction to ArcGIS I & II
ESRI Certified Training: Building Geodatabases I
ESRI Certified Training: Introduction to Geoprocessing Scripts Using Python
Introduction to SDS-FIE & Advanced SDS-FIE Geodatabase Implementation

Computer Skills:

Experienced user of ESRI products, including: ArcGIS, ArcInfo, ArcView 3.x, ArcObjects, ArcIMS, ArcReader, and Spatial Analyst. Other software programs include: MS Office, MS SQL Server 2000, ERDAS Imagine, and Adobe Photoshop. Programming experience: Visual Basic and Visual Basic for Applications, VB.NET, Python, SQL, AML and HTML.

Academic and Professional Accomplishments:

GIS Employee of the Year, 2004, Town of Marana, Arizona

Fort Huachuca Range Control Certificate of Appreciation, 2003, Fort Huachuca, Arizona

Outstanding Research Proposal, 2001, TerraSeer, Inc.