

## SUMMARY OF EXPERIENCE

2008 – Present	Senior Project Manager, Ferguson-Jenkins & Associates, Inc. - Boulder, CO
2004 - 2007	Senior GIS Consultant, Ocean Sky Consulting, Inc. - Boulder, CO
2003 – 2004	GIS Director, Advanced Professional Engineering, Inc. - Fort Collins, CO
2002 – 2003	Project Implementation Engineer, Hitachi Software Global Technology - Westminster, CO
1997 – 2002	IT Specialist, IBM Global Services - Boulder, CO
1996 – 1997	Senior GIS Programmer 1, Knight Piesold, LLC. - Denver, CO
1994 – 1996	International Software Release Manager, GENASYS II, Inc. - Fort Collins, CO
1991 – 1994	Software Release Mgr/GIS Consultant, Generation 5 Technology, Inc. - Westminster, CO
1990 – 1991	Applications/Support Specialist, Ultimap International Corporation - Minneapolis, MN
1989 – 1990	Quality Assurance Specialist/Applications Consultant, SYNERCOM, INC. - Houston, TX
1987 – 1989	Planning Data Tech., King County Building & Land Development Office - Bellevue, WA

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## DETAILS OF PROFESSIONAL EXPERIENCE

### Senior Project Manager

FERGUSON, JENKINS & ASSOCIATES, Inc. – Boulder, CO

Responsible for Business Development. Other areas of responsibility include Project Management, Project Development, Developing Marketing Strategies and Application Development.

### Senior GIS Consultant

OCEAN SKY CONSULTING, INC. - Boulder, CO

Running a GIS Consulting Business and managing technical contract staff.

Providing technical consulting to Space Command at Peterson Air Force Base, Colorado Springs.

Designing and creating Waste Water Arc/GIS Applications for Fountain Sanitation District.

Completing the Phase I GIS implementation with the Public Works Dept. at the City of Federal Heights.

Creating a Desktop Application and Architecting an ArcGIS Server Solution for Bentek Energy LLC.

Designing and creating Assessment Applications for the National Park Service in Fort Collins.

Developing a test strategy for Nashville Electric Service's Enterprise GIS system in Nashville, TN.

### GIS Director

ADVANCED PROFESSIONAL ENGINEERING, INC. - Fort Collins, CO

Managing technical staff and implementing GIS solutions.

Managed a technical team of 6 producing custom GIS applications.

Designed and developed user interfaces for ArcView using ArcObjects and Visual Basic.

Developed and taught a custom training course for ArcView users.

### Project Implementation Engineer

HITACHI SOFTWARE GLOBAL TECHNOLOGY - Westminster, CO

Optimized Databases and assisted technical staff.

Optimized ORACLE demo databases for the GITA show in San Antonio.

Managed a team of 3 during the development of an Electric Utility application.

**IT Specialist**

IBM GLOBAL SERVICES - Boulder, CO

Automating and creating test cases for new application software.

Increased efficiency of test team by 31% by working with developers and executive management.

Managed a technical team of 16-20 for a 5 year period through several GIS projects.

Developed a database strategy for the British Airways flight schedule and optimization of routes.

**Senior GIS Programmer 1**

KNIGHT PIÈSOLD LLC. - Denver, CO

Prototyped new mining applications with ESRI MAPOBJECTS in Visual Basic.

Automated the import of data into ARC/INFO.

Tested an ArcView GIS application resulting in a successful project delivery.

Managed a team of 3 to create ArcView applications for the mining industry.

**International Software Release Manager**

GENASYS II, INC. - Fort Collins, CO

Managed the software releases to Latin America, Canada, Japan and the USA.

Created and updated the cartography for British Petroleum Exploration maps.

Implemented testing methods and initiated the release schedule with development.

Managed an international technical team of 15 for each worldwide software release.

**GIS Consultant**

GENERATION 5 TECHNOLOGY, INC. - Westminster, CO

Designed and implemented custom GIS applications for new and existing clients. Installed ORACLE, custom applications and trained clients on their Geo/SQL applications. Demonstrated Geo/SQL in Madrid in Spanish during ExpoCAD in 1992.

**Software Release Manager**

GENERATION 5 TECHNOLOGY, INC. - Westminster, CO

Started a QA Dept. from the ground up, including: managing the development of new test plans and test cases for

efficient software testing; other staff members with technical assistance in bug identifications. Managed a nationwide technical team of 10.

**Applications/Support Specialist**

ULTIMAP INTERNATIONAL CORPORATION - Minneapolis, MN

Performed key customer support including: assisting clients with software questions; thorough investigation and duplication of customer-reported "bugs" for Quality Assurance; supporting specific user application questions.

**Quality Assurance Specialist and Applications Consultant**

SYNERCOM, INC. - Houston, TX

Performed key testing, analysis and consulting functions including: designing and delivering a CAD dimensioning application for an international client, ItalGas, Italy. Managed 4 software testers for patch releases.

**Planning Data Technician**

KING COUNTY BUILDING & LAND DEVELOPMENT OFFICE - Bellevue, WA

Created land records in a Land Information System using ARC/INFO on the UNIX platform.

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**TECHNICAL EXPERIENCE****Continuing Education:**

ESRI Petroleum Users Group Conference – Houston, TX (February 2008)

ESRI Electric and Gas Users Group Conference – Nashville, TN. (October 2007)

20<sup>th</sup> GIS in the Rockies Conference – Denver, CO. (September 2007)

ESRI 25<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup> Annual Users Conference - San Diego, CA. (Jul 2005-Aug 2006-Jun 2007)

SDSFIE and GeoXT Training – US Air Force Academy – Colorado Springs, CO. (June 2006)

ESRI 15<sup>th</sup> Annual Business Partner Conference - Palm Springs, CA. (March 2004)

ORACLE 9i DBA Certification Training - ORACLE - Englewood, CO. (April 2003-June 2003)

16 week Leadership Program - IBM - Boulder, CO. (Summer 1998)

**Academic and Professional Accomplishments:**

Master of Arts, Geographic Information Systems - University of Washington

Bachelor of Arts, Cartography – State University of New York at Buffalo

**Computer Skills:**

Experienced using software products: ArcGIS 9.2, ArcObjects 9.2, ArcGIS Server 9.2, ArcSDE 9.2, EDN 9.2, ORACLE9i, SQLSERVER 2005, Silktest, AutoCAD, Pathfinder Office, ARC/INFO, Microsoft Project, Visio on these platforms: SUN, IBM, GeoXT. Programming experience includes the languages of Visual Basic 6.0, SQL, VBA, HTML