Garfield County

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Background & Summary of Qualifications

Education

1981 University of Hartford, CT
Associate of Applied Science, Electronic Engineering Technology
Graduated First in Class w/4.0 Average

Employment

1981-1990 AT&T Bell Laboratories, Denver
Senior Technical Associate
Hardware design, large digital PBX systems
Credited with several circuit pack and VLSI chip designs

1993-Present Garfield County Government
GIS Analyst Lead
Building & Planning & Information Technology Departments
Design, develop, maintain, grow a multiuser, enterprise Geographic Information System

Affiliations

GIS Colorado, statewide organization of GIS Professionals, hosted January 2009 quarterly meeting in Glenwood Springs, attended by Jon Gottsegen, State GIS Coordinator, Governor's Office of Information Technology

CGAIT, Colorado Government Association of Information Technology

GIS Professional Certification, recognition for experience, accomplishments, and contributions to the field

Continuing Education

Building Geodatabases – ESRI Campus, Broomfield CO
ArcGIS Server Workshop – Montrose County Government, Montrose CO
ArcGIS Server Technology Transfer – ESRI Campus, Broomfield CO
Introduction to ArcGIS Server – ESRI Campus, Broomfield CO
Data Management in the Multi-User Geodatabase – ESRI Campus, Broomfield CO
GIS in the Rockies - 1995, 2007, 2008 Regional Industry Conference

continued

Garfield County Experience

- Built one of the first Geographic Information Systems to be deployed by a local government on the Western Slope
- Digitized all base map data from paper maps, two year's work
- Composed background information mapping for the Comprehensive Plan of 1994
- Invited to present GIS Methodology for Comprehensive Planning at Governor's Conference on Smart Growth, Denver 1994
- Researched & developed the County's first complete wildfire hazard mapping, subsequently publishing Wildfire Hazard Mapping: Garfield County GIS Development Methodology for peer review by Colorado State Forest Service, others 1996
- Participated in creation of the County's first website in 1999 enabling for the first time a means of downloading hundreds of maps, GIS data, demographics, historical and statistical information
- Employee of the Month, 1995, 2000; Employee of the Year, 2000
- Represented the County in matters regarding the Decennial Census of 2000, 2010
- Worked with Clerk & Recorder to reapportion & map Voter Precincts for every election
- Wrote & awarded a grant for GIS software for parcel mapping by National Association of Counties
- Converted 300+ individual and non-georeferenced parcel maps from CAD into a single, projected GIS layer
- Coordinated & supervised workers, designed summer project to digitize 1,000 miles of County Road centerlines for the first time, utilizing Trimble GPS, data now used for accurate recovery of HUTF taxes due the County, CDOT mapping, commercial mapping services, 2001
- Applied for & awarded Federal Copyright Protection for Garfield County Parcel Data ©2007 by Library of Congress
- Provided emergency field support to Incident Commanders during several large wildfires
- Provided GPS locates & mapping for Sheriff, Colorado State Patrol involving search & rescue, missing persons, investigations, manhunts
- Provided District Attorney & County Attorney with image processing, aerial photos, maps, graphics, audio processing, enlargements for exhibits
- Made County GIS Parcel Data publicly available, free of charge on website for the first time 2008
- Verified residency of several thousand gas industry workers for accurate recovery of severance taxes due the County 2006, 2007, 2008
- Built an Enterprise GIS comprised of 6 servers hosting live data for all County users & web users
- Launched County's first GIS Powered Website, also the first website to be hosted by the County