

James A. Ingram

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Qualifications

Former public schools **District Technology Coordinator** with extensive experience designing, implementing and managing Microsoft-based LANs, network administration, database design and administration, custom programming, website design and administration, and helpdesk interaction. Strong problem-solving abilities, with excellent technical writing skills and extensive familiarity with Microsoft Office 2007/2010 Pro software suite including OneNote and Access. Strong work ethic, task oriented, persistent in resolving problems. Willing to retrain, willing to travel in execution of job duties. Prefers position that can primarily be fulfilled from current location by telecommuting, but would consider relocation under the right conditions.

Availability - July 1, 2011

Technical Skills / Systems Experience

- Microsoft Office XP/2007/2010 Pro (Word, Excel, Powerpoint, Access, Outlook, OneNote)
- Windows 9x/2000/XP/Vista/7
- Windows Server 2003/2008, including Hyper-V
- 4 Years experience as Infinite Campus® SIS administrator
- 2 Years experience as Angel® CMS administrator
- SQL operations with Microsoft SQL server, MySQL and Access databases
- Experienced in migrating SQL data between dissimilar systems
- Experienced in automating SQL jobs using DTS/SSIS
- Microsoft IIS Web Server administration
- Web application design using HTML, ASP, ASPx, PHP, CSS, MySQL, SQL
- Website implementation on WAMP platform
- Microsoft Systems Center Data Protection Management Server
- HP Procurve Enterprise-grade 802.11b/g/n equipment installation and management
- Microsoft Visual Studio.NET
- Familiarity with DHCP, DNS, NAT, VPN, RDP, other network protocols and processes
- ProCurve / D-Link enterprise-grade switch management (incl. PoE, VLANs)
- CAT5, CAT5e, CAT6 cable assembly/termination
- Digital image, video and audio manipulation/production experience
- Comp/TIA A+/Net+ and W3Schools.com PHP/MySQL certifications pending

Professional History

1973-1977	Physical Sciences / Mathematics Instructor, Hershey Public Schools, Hershey, NE
1977-2011	Broken Bow Public Schools, Broken Bow, NE
1977	Physical Sciences Instructor
1978	Physical Sciences / Computer Science Instructor
1985	Physics / Computer Science Instructor, Network Administrator
1988	Physics / Computer Science Instructor, Technology Coordinator
1996	Full-Time Technology Coordinator
2006	District coordinator for Nebraska State Student Reporting System
2008	Web-based Student Information System Installation/Migration Lead
2009	eLearn One-to-One Student Laptop Initiative / Web 2.0 Architect

Introduced personal computers to the Broken Bow Public Schools in 1978, obtaining Title VI funding for a single computer (possibly the first such funding for a "computer in the classroom" in the State of Nebraska). Skills and responsibilities have grown with the industry over the intervening 34 years. Scope of responsibilities in final year of employment with the Broken Bow Public Schools include

- Design/deployment/maintenance of gigabit-backbone copper/fiber network with over 625 Windows-based computers (about half of them connected by WiFi), 1300 user accounts, ten servers (some virtual), fifty shared network printers, twenty databases, fiber-optic connections between four geographic locations
- Design/deployment/maintenance of three major websites and several special-purpose in-house websites
- Three years' experience administering/customizing Infinite Campus Student Information System
- Two years' experience administering/customizing Angel Curriculum Management System
- Instrumental in moving school district to 21st century educational paradigm, including one-to-one initiative with 178 laptops and necessary WiFi infrastructure to support initiative; role of Web 2.0 applications in the K-12 classroom; development of automated coordination of Angel curriculum management system with Infinite Campus student information system; development of illustrated training materials for professional staff
- Four years' experience reorganizing school district databases to establish authoritative vs. dependent relationships between databases and elimination of data redundancy

1980-1986 Adult Education Instructor, Mid-Plains Community College, North Platte, NE (Broken Bow Satellite Campus)

2004-Present Proprietor, Sunny Arbor Web Development Services (custom small-business website creation)

Education

1973 BS Physical Science Education, University of Wyoming, Laramie, WY

Miscellaneous Graduate Credits

1973 University of Wyoming (3 hours)
1976 University of Nebraska Lincoln (3 hours)
 University of Wyoming (8 hours)
1980 University of Nebraska Kearney (6 hours)
1981 University of Nebraska Kearney (1 hour)
1982 University of Nebraska Kearney (6 hours)
 Mid-Plains Community College (2 hours)
1988 Colorado School of Mines (4 hours)

Total Graduate Hours (non-degree specific) = 33

1995-Present Numerous trade conferences (primarily Nebraska Educational Technology Association, Omaha, NE), seminars/workshops (primarily Educational Service Unit 10, Kearney, NE) and on-line webex sessions on specific products

Honors and Accomplishments

1973-2001 Nebraska Teaching Certificate, K-12 Certifications in Mathematics, Physical Science, Chemistry, General Science and Physics (voluntarily surrendered)

1981 Director, "1981 Earth/Space Sciences Field Trip" – a two-week summer field trip for 68 Nebraska high school students and 12 Nebraska science teachers, covering sites of interest in western Nebraska, southwestern South Dakota, eastern Wyoming and northern Colorado

1984-1988 Member, Board of Directors, Nebraska Educational Technology Association

1992-1994 Taught two years on the first fiber-optic based analog public school distance learning network in Nebraska