

J. Randy Hancock

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OBJECTIVE

My objective is to obtain an entry level or intern position in a GIS related field.

QUALIFICATIONS

Efficient Coordinating and Scheduling Skills – I wisely manage time, resources and procedures necessary to accomplish goals on schedule. I am able to structure, follow and evaluate plans throughout the progress and realization of goals.

Strong Researching and Presentation Skills – I utilize intuitive and resourceful researching skills and I can recognize and incorporate the strategies and successes of others. I am able to teach, persuade and influence the ideas of others in favor of a desired point of view.

Proven Problem Solving and Application Skills – I am able to design, deploy and track solutions that streamline operations and quickly bring about resolutions. I solve problems through systematic diagnosis, using the process of elimination and while consciously trying to minimize support times. I have tested patience and experience communicating technical issues and strategies using simplified explanations and relationships.

GIS Experience – I am currently volunteering GIS services for Utah's Department of Wildlife Resources (DWR). I am helping the DWR develop a tractor suitability model for their sagebrush rehabilitation program. The model targets suitable areas for tractor-assisted treatments by eliminating steep terrains, southern exposures and rocky soil types. My responsibilities cover the acquisition of countywide datasets, data co-registration, mosaicking grids for countywide coverage, developing the geoprocessing scripts and testing the model's results.

EXPERIENCE

Nov 2000
to Present

Dial Evolution, Inc.
Internet and Network Consultant

Salt Lake City, UT

I helped found and incorporate a group of telecom consultants and capital investors as Dial Evolution. My initial responsibilities included platform research and development, hardware deployment and software scripting. My current responsibilities include network and web site consultation, as well as application and portal testing.

Dec 1995
to Oct 2000

Ensign Software Support, LLC
Senior Software Technician and Network Administrator

Salt Lake City, UT

I was responsible for maintaining a small office domain, utilizing file servers, user policies and shared resources. These responsibilities included client-server hardware and software installations and support. This position also required close communications with novice software users, where tested patience and creative communication techniques were necessary to conclude support situations rapidly.

May 1993
to Nov 1995

Bonneville Market Information (BMI)
Technical Support Representative

Salt Lake City, UT

I created and managed the MS Windows support group at BMI. Daily tasks included product support related to serial and network communications under MS Windows. Additional responsibilities included: establishing satellite / cable / radio data carriers, subordinate training and a thorough understanding of the stock and commodity markets.

EDUCATION

University of Utah

Bachelor of Science Degree in Geography – Dec, 2004
Economics Minor

Salt Lake City, UT

Certification in Applied Geographic Information Science (GIS) – May, 2004
Dean's List – Fall, 2003

SOFTWARE EXPERIENCE

- MS Access, Excel, Outlook, Powerpoint, Publisher, Word and Visio.
- MS Windows 3.x/98/ME/2000/XP and Windows Server NT4/2000/2003.
- DHCP, DNS, NAT, ISS, WINS, RAS and TCP/IP configuration.
- HTML, CSS, Javascript, Macromedia Fireworks, Macromedia Dreamweaver and MS FrontPage.
- HTTP, FTP, VPN, SSH, spyware, virus and firewall applications.
- ESRI: ArcGIS 3.x, 8.x, 9.x, ArcInfo, ArcView, ArcMap, ArcCatalog, ArcToolbox and ArcScene.
- ESRI Extensions: 3D Analyst, GeoStatistical Analyst, Network Analyst and Spatial Analyst.
- Oracle Spatial DBMS and Oracle SQL, Netlogo, ENVI, MS MapInfo, Visual Basic and Java.

HARDWARE EXPERIENCE

- Desktop, server and gateway PCs, including ancillary computer equipment.
- Ethernet cabling, routers, switches, hubs and firewalls.
- Telcom and Coax wiring, C-band, KU-band, DBS-band satellite components.

GIS COURSES AND EMPHASIS

Classes: Introduction to GIS, Advanced GIS, Spatial Database Design, Spatial Modeling, Cartography, Geo-Statistics, Java Programming, Emergency Management, Image Processing and Remote Sensing (University of Utah).

- Demographic and Statistical Analysis.
- Cartographic Production / Interpretation.
- Geographic Coordinate Systems / Map Projections.
- Geocoding / Delivery Routes / Shortest Path Analysis.
- Digitizing / Feature Editing / Topology Enforcement.
- GPS / Remote Sensing / Photographic Interpretation / Image Processing.
- Emergency Planning with Combined Hazard and Vulnerability Mapping.
- Spatial Modeling with Cellular Automata and Agent-based Models.
- Relational Database Design / Administration (Oracle, SDE GeoDatabases).
- GIS and Database Oriented Programming (Avenue, Java, VB, SQL, NetLogo).
- GIS Project Design / Training and Education / Documentation.
- Graphic Design / Multimedia Presentations.
- Application Testing and Quality Assurance.

GIS Projects and Labs Available at <http://www.gisanalyst.com>

References Available Upon Request