David M. Metzler | GIS Analyst

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Education: BA / Geography / 2010 / University of Colorado at Denver / Denver
AA / 2008 / Front Range Community College / Westminster, CO

Software Proficiencies: ESRI's ArcGIS Suite (ArcCatalog, ArcMap, ArcServer and ArcView) / ArcServer / ArcSDE / Python / Geoserver / PostGIS / Leaflet / Cartopac Field Solutions – Studio / GIMP/ArcGIS Mobile/Mobile Mapper (GPS) / MS Office (Word, Excel, PowerPoint) / AWS(EC2 instances) / Apache

Professional Experience:

AUG 2013 to PRESENT – **GIS Analyst** – **HALKER CONSULTING** – www.halker.com – Lone Tree, CO

- Project Management of complete GIS solution
  - Data Migration
  - SDE initiation with postGIS
  - Training client to interact and change data with QGIS
- Internal Data standards
  - Actively planned internal data structure and common client database to ease web mapping
  - Forced domains and subtypes with editor tracking
  - Automation of several processes with nightly python scripts
  - Road map to companywide open source RDMS
- Data deliverables
  - Worked to establish data deliverables that could become automated tasks in an effort to reduce time
  - Worked with clients to make data as useful as possible
  Web GIS
  - Developed simple web apps with Leaflet
  - Geoserver- with PostGIS interaction
  - Small open layers applications for testing

JUN 2009 to AUG 2013 – **GIS Analyst** – **PETROLEUM FIELD SERVICES** – www.petro-fs.com - Denver, CO

- Geodatabase Creation and Management For A Variety Of Applications
  - Data to FLEX Mapping systems
  - Data to International SDE databases
  - Data to local systems
- Data Creation
  - XY Events
  - Joins and Relates
  - Legal descriptions
  - Georeferencing
  - Digitizing
- Automation Using Python in ArcGIS

- o Automating Several Processes Using Arcpy and Other Python Libraries
  - ▪ From Simple Downloads To Large Models
- – Project Management
  - o Managed medium sized projects and was responsible for delegating work, meeting deadlines, working both in groups and individually as well as planning and client relationships.

Other Employment

OCT 2010 to Present – **GIS *Contractor*** – **COLORADO CARTOGRAPHICS** – www.colocarto.com – Wheat Ridge, CO

- – Location analysis of Oil and Gas wells in the state of Michigan
  - o Using a complicated system of joins and relates created Oil fields from point information.
  - o Generated field polygons using EIA methodology
  - o Map and document creation for this project.

OCT 2008 to DEC 2009 – Café Assistant – WHOLE FOODS MARKET – Denver, CO

MAR 2008 to OCT 2008 – Sales Associate – HUDSON NEWS – Denver, CO

SEP 2004 to MAR 2008– Line Cook – INTRADO – Longmont, CO

Professional Experience: (Continued)

G.I.S. PROJECTS:

Incremental Oil and Gas
- ▪ Technical training of everyone in the company on using FLEX application
- ▪ Create and maintain geodatabase for enterprise use
- ▪ Creation of land data using legal descriptions

Navajo Nation Oil and Gas Company
- ▪ Technical training of staff for FLEX based web application
- ▪ Acting as GIS department for mid-range client.
- ▪ Respond to a wide variety of client requests.
- ▪ Convert and store spatial data in GIS friendly format.
- ▪ Data mining of pertinent information at the client's request.

Anadarko Petroleum Company
- ▪ Asset mapping- 2,000 Wells plus infrastructure
- ▪ Field collection, database maintenance, Graphical and Attribute Cleanup.
- ▪ Form 2A
- ▪ Field collection and drafting for Permitting (Various States).

Augustus Energy Partners
- ▪ Asset mapping- Over 200 Miles of pipeline in Yuma County.
- ▪ Field collection and data validation/maintenance.

Orr Energy Partners
- ▪ Surface Use agreements
- ▪ SPCC specific documentation

- Asset mapping
- Regulatory planning

HRM Resources
- Asset Mapping
- Field collection
- Database management
- Best practices for field collection
- Database creation and attribute selection

Watch the Med GIS Volunteer Project
- Map Search and Rescue Zones in the Mediterranean
- Map Cell phone coverage by geo referencing static maps
- Provide data to web developer
- Worked with people all around the globe to complete the task