

KERRY C. McALISTER

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WORK EXPERIENCE

911 Datamaster (Remote)

GIS Engineer / Junior Application Developer

GIS Data Analyst

Austin, TX

May 2017 – Current

May 2016 – May 2017

- Lead support point of contact for 911 Datamaster spatial products, providing technical support and personalized product training for customers.
- Assists with planning and implementation of spatial software roll-outs and customer installations.
- Collaborate with Senior Developers to implement ideas and concepts for future software releases.
- Helped establish Help Desk Portal to streamline error resolutions for customers and coworkers.

POWER Engineers

GIS Technician II

Austin/Houston, TX

Jul 2014 – May 2016

- GIS Technician for the Environmental Services division within POWER, assisting with all facets of GIS operations.
- Responsible for data gathering, habitable structure inventory, environmental constraint mapping, and route criteria analysis, utilizing ESRI ArcGIS Suite.
- Assists with planning and implementation of GIS workstations at public open house meetings.
- Help coordinate GIS information sharing between project managers, biologists, engineers, and clients, specifically in regards to environmental impact assessments.

Capital Area Council of Governments (CAPCOG)

GIS Analyst

Austin, TX

Dec 2013- Jul 2014

- Maintain 9-1-1 database for several CAPCOG counties.
- Develop basic and custom GIS tools designed to support CAPCOG projects, programs, and services.
- Administer CAPCOG spatial data inventory.
- Assimilate data from multiple sources, formats, and projections into a CAPCOG compatible geospatial format.

LandWorks, Inc.

GIS Mapping Specialist

Houston, TX

Aug 2012- Dec 2013

- Create and edit GIS maps and databases for a vast range of business clients, specifically Forest Oil Corp.
- Maintain lease and well information for SDE database and the Forest Oil Corp. web-based mapping system.
- Map oil & gas leases and wells utilizing legal descriptions, metes & bounds, and land grid data (PLSS, Texas, Louisiana)
- Provide accurate and timely creation of specific map products and information.
- Work with fellow GIS Analysts in resolving mapping issues.

EDUCATION

M.S., Cartography/GIS

August 2016 – August 2018

The University of Wisconsin – Madison

Focus in GIS & Web Map Programming

GPA 3.9

B.A., Geography and the Environment

May 2011

The University of Texas at Austin

Minor in History and Urban Studies

GPA 3.4

RELEVANT COURSEWORK

Interactive Cartography & Visualization, UW Madison

Spring 2018

GIS & Spatial Analysis, UW Madison

Fall 2017

Geospatial Web & Mobile Programming, UW Madison

Summer 2017

Spatial Database Design & Development, UW Madison

Spring 2017

Introduction to Geocomputing, UW Madison

Fall 2016

Graphic Design-Cartography, UW Madison

Fall 2016

Frontiers in Geography (Capstone), UT Austin

Fall 2010

Environmental Geographic Information Systems, UT Austin

Summer 2009

The Natural Environment, UT Austin

Spring 2009

Spatial Analysis, UT Austin

Spring 2009

SOFTWARE & SKILLS

- ArcGIS Suite, QGIS, PostGIS, MongoDB, GDAL, Mapbox, Leaflet, OpenStreetMap, CARTO
- Adobe Creative Suite (Acrobat, Illustrator, Photoshop)
- Web design (HTML, CSS, basic React, D3)
- C#, .NET, Basic Python, VBA, SQL, JavaScript, Windows Command Line programming
- Microsoft Azure DevOps, ZenDesk support ticket management, GitHub project hosting
- Trained in various mapping styles (Thematic, Bivariate/Multivariate, Shaded Relief)
- Windows & Mac OS, Microsoft Office Suite

CERTIFICATIONS

- ScrumMaster (10/27/2017-10/27/2019)