KERRY C. McALISTER

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WORK EXPERIENCE

911 Datamaster   Austin, TX

Junior Applications Developer   May 2017 – Current

GIS Data Analyst   May 2016 – May 2017

- Responsible for testing new product releases and assisting with product documentation updates.
- Assists with planning and implementation of GIS software rollouts and customer installations.
- Collaborate with Senior Developers to implement ideas and concepts for future software releases.
- Provide GIS support and services for customers, including installations and personalized product training.
- Helped establish Help Desk Portal to streamline error resolutions for customers and coworkers.

POWER Engineers   Austin/Houston, TX

GIS Technician II   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, using 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)   Austin, TX

GIS Analyst   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 GIS shape files, geodatabases, and KML files using Access, ArcGIS, MapSAG, and Google Earth.
- Assimilate data from multiple sources, formats, and projections into a CAPCOG compatible geospatial format.

LandWorks, Inc.   Houston, TX

GIS Mapping Specialist   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   GPA 3.9

B.A., Geography and the Environment
May 2011
The University of Texas at Austin   GPA 3.4
Minor in History and Urban Studies

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

- Windows & Mac OS, Microsoft Office Suite
- ArcGIS Suite, QGIS, PostGIS, MongoDB
- Adobe Creative Suite (Acrobat., Illustrator, Photoshop)
- Web design (HTML, CSS)
- Basic Python, VBA, SQL, Javascript, Windows Command Line programming
- Trained in various mapping styles (Thematic, Bivariate/Multivariate, Shaded Relief)

CERTIFICATIONS

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