

N.CASS MEYER

GEODATASCIENTIST

CONTACT

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512-461-4859

EDUCATION

Data Scientist

General Assembly
Jan 2017

University of Texas at Austin

Bachelor of Science,
Geology

PUBLICATIONS & CERTIFICATIONS

Geological Society of America

SPATIAL DENSITY
ANALYSIS OF KARST
DIAGENESIS AND
AQUIFER RECHARGE
SENSITIVITY...

**Professional
Geoscientist
License**
Texas

PROFILE

I strive to answer the questions facing humanity, by better understanding and applying data being generated. I am dedicated to the application of best practices of modeling to create solutions to real-life problems. As an Earth Scientist, I am uniquely skilled at thinking at the extremes of scales, to best visualize the potential of a dataset.

SKILLS

- Python
- ArcGIS
- SQL
- MongoDB
- Github
- Data Cleaning
- Machine learning
- Field data acquisition
- Hardware implementation
- Linear regression

EXPERIENCE

BSI Environmental Solution, INC.

2015 to 2016

GIS Geologist

Assisted in repairing and updating the chemical storage tank record-keeping database. Included repairing table relationships and optimizing workflow. Streamlined GIS workflow and trained Junior GIS technicians in best practices and cartographic techniques for figure normalization.

Zara Environmental, LLC.

2010 to 2014

Geologist

Built geo-database for Karst Feature surveys and endangered species presence absence surveys. Processed and distilled data from multiple sources to answer specific questions and solved problems. Generated reports and utilize GIS to visualize and preset data. Installed, acquired, distilled, and processed weather data for use with recharge modeling.

Fugro Geotechnical Consultants Inc.

2008 to 2010

Consulting Geologist

Planned and coordinated field operations with in-house and contract drilling companies. Collected and reduced Packer testing data. Logged and correlated stratigraphy across the Central Texas, from Upper Cretaceous Taylor Clay to near the base of the Trinity Group Lower Glen Rose Formation, focused on structural and hydrologic properties. Summarized geologic and stratigraphic environments - describing all aspects of the subsurface and emphasizing issues relating to the project.

Bureau of Economic Geology

2007 to 2008

Geologic Research Assistant

Spearheaded a spectral gamma-ray tool analysis experiment, splitting the well-known and widely-used API unit into its three main components, to test its usefulness and application potential. This project had the potential to supply priceless synthetic well log data from wells that were cored decades before the science of wireline logging techniques had been created.