

DANE DUDLEY

765.585.8690 • Moving to: Indianapolis, IN • ddudley7@gmail.com • <https://ddudley7.github.io>

EXPERIENCE

Technical Support Geoscientist III

06/2018 - Present

Emerson | E&P Software | Houston, TX

- Provided technical support and expertise with Emerson's SKUA-GOCAD geologic modeling software
- Delivered data driven exploratory analysis, statistical analysis, and predictive models using Python (Numpy, Pandas, Scipy, Matplotlib, etc) and Machine Learning regression technique by combining geological, well, and production data for consultancy project
- Solved complex subsurface challenges, developed solutions, and built subsurface models for clients
- Cleaned, organized, analyzed and reported well treatment datasets for consultancy projects
- Increased revenue by developing python based custom plugins for reservoir modeling software
- Created python scripts to clean and reformat 500+ data files for importing – time saved: 1-2 minutes/file

Geologist

04/2013 - 06/2017

Stone Energy | GoM Development & Business Development | Lafayette, LA

- Built 3D reservoir models of conventional Upper Miocene channel complexes in Mississippi Canyon for existing development fields and presented findings and recommendations to senior management
- Analyzed and interpreted multiple reprocessed seismic data volumes to incorporate in 3D geocellular models for reservoir simulation and history matching - resulting in a successfully drilled offshore well that added 1200 barrels/day in production
- Successfully added 8 mmstb and 10 mmstb of additional reserves to two development fields in GoM
- Involved with the drilling, coring, operations, and geo-steering efforts of 2 geologically successful exploration wells in the 2WS shale formation in the Western Canada Sedimentary Basin

SKILLS

Python | SQL | Database Management | MS Excel | Tableau | Data Analytics | Predictive Modeling | Windows

EDUCATION

Master of Science, Geology | University of Louisiana at Lafayette

2014

Bachelor of Science, Geology and Geophysics | Purdue University

2012

CONTINUING EDUCATION

IBM Data Science Professional Certificate | Coursera

2019

Data Visualization and Communication with Tableau | Coursera

2019

Complete Python Bootcamp: Zero to Hero in Python 3 | Udemy

2018