

Eric Swanson

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OBJECTIVE: Former Geophysicist turned Data Scientist who creates company value by finding insights from the exploration of data.

Summary of Qualifications

- Seasoned professional with over 15 years work experience
- Coordinate projects across multi-disciplinary teams with a strong team focus
- Integrated multiple data sources encompassing large projects for management
- Worked with multiple vendors engaging in bid process and evaluating best vendor for project work

SKILLS

Python, Pandas, numpy, Scikit Learn, Matplotlib, tensorflow, Google Suites, Zoom, Slack, SQL
Data Cleaning, Data Analysis, Data Visualization, Linear Regression, KNN, Random Forest and more

PROJECTS (For live demo see Github)

- [Computer Vision](#) - Facial Emotional Detection using image classification (CNN)
- [Language Processing](#) - Given a text determine one of two subreddits it belongs
- [NLP/Classification](#) - Given a list of ingredients what cuisine type does it belong to

RELEVANT EXPERIENCE

KARE ENERGY - Senior Operations Geologist - 6/2019 to 2/2020

- *Extracted different data types from multiple sources, putting together analysis and visualizations for multiple areas across the United States*
- *Engaged with stakeholders outside the company assessing if asset acquisition would be a good fit with company goals*

PETROBRAS AMERICA, - Senior Geophysicist - Houston, TX 12/2012 to 4/2016

- Evaluated the value of assets in the 10's to 100's of millions to see if they are a good fit with company goals for partnering or acquisitions.
- Created visualizations of subsurface data to present to upper management recommending drilling locations
- Provided data for risk assessments to complete risk analysis for bidding on new investment areas, as well as volumetric reserves calculations
- Conducted regular competitor weekly industry updates for management to support business expansion
- Made inferences in bad data visualized fields to still make recommendations to management

EDUCATION

GENERAL ASSEMBLY, Data Science IMMERSIVE, Projected Completion October 2021

Master of Science (M.S.) degree in Geophysics, University of Houston

Bachelor of Science (B.S.) degree in Geophysics, University of Texas