

# Eric LaFlure

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GitHub Repositories: <https://github.com/ejlaflure>  
Portfolio: <https://ejlaflure.github.io/Portfolio/>

Experienced Energy Engineering, Management and Data Analyst professional. Proficient in multiple programming languages and visualization tools for enhanced data analysis. Extensive experience in logistics, employee training and petroleum engineering disciplines. Proven track record of improving profit margins, ensuring project success, maintaining a safe work environment and improving morale.

## Technical Skills:

Data Analysis and Visualization Tools: **MS Excel / VBA, Python 3.7, Tableau**  
Basic Database Knowledge: **PostgreSQL 11, AWS**  
Basic Website Development: **HTML5, JavaScript**

## Projects:

**Robotic Tomatoes** | [https://github.com/Daniel-Schroeder15/final\\_project](https://github.com/Daniel-Schroeder15/final_project) | Sep 2020

- Provides users, based on their genre and movie selection, with two separate Top 10 movie recommendations based on machine learning and natural language processing.
- **Responsibilities:**
  - Cleaned and transformed data for machine learning model and database.
  - Structured initial iteration of supervised machine learning models.
  - Connected database to python scripts and constructed database schema.
  - Constructed framework for interactive website utilizing flask connections with HTML5 and JavaScript.
- **Tools/Languages:** Python 3.7, PostgreSQL 11, AWS S3 and RDS, Flask, HTML5, JavaScript, and Tableau

## Education:

### Bootcamp Certification: Data Analysis and Visualization

UT Austin, McCombs School of Business

Graduation: September 2020

- A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

### Bachelor of Science Degree:

- **Major: Petroleum Engineering**
- **Minor: Mechanical Engineering**

Texas Tech University

Graduation: May 2013

## **Experience:**

### **Schlumberger**

#### **Project Coordinator / District Technical Engineer      April 2017 – December 2019**

Managed operational planning, logistics, scheduling and performance of over 60 personnel to meet client's timelines and requirements. Continued to manage pre-job data analysis, data collection, troubleshooting, and post-job data analysis utilizing Microsoft Excel.

- Received extensive training and testing in all aspects of our business including Safety, Finance, Sales, Human Resources, Supply Chain and Technical Knowledge.

### **Schlumberger**

#### **Senior Field Engineer**

**June 2015 – April 2017**

Managed the pre-job analysis, data collection, acquisition troubleshooting, and post-job data analysis for our district. Utilized Microsoft Excel to process and transform the data for post-job analysis and database storage.

- Tracked Key Performance Indicators including performance inefficacy and strength trends

### **Schlumberger**

#### **Field Engineer**

**February 2014 – June 2015**

Performed data collection, troubleshoot acquisition issues, presented post-job data analysis reports, and led crews in executing coiled tubing operations.

## **Honors/Activities:**

Society of Petroleum Engineers

Tau Kappa Epsilon Fraternity

Distinguished Achievement Program Graduate

Eagle Scout and President of Venture Crew 359

Volunteering: Don't Mess with Texas Trash Off and U.M. ARMY Mission Trips