

Erin L Rosenbaum

Denver, Colorado

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Work History

Python/Django Developer

January 2019 - present

Self-employed, Denver, Colorado

- Proficient web developer experienced with Django, Python, Node.js, javascript, Ruby on Rails, php, MySQL, PostgreSQL, C, C++, Express, Flask, Git, and Bootstrap.
- Very familiar with Stack Overflow and Google.
- Service company pro with over 15 years of experience in oil and gas, transportation, and construction.
- Please see my website, erinrosenbaum.com

Equipment Operator

October 2017 - January 2019

Liberty Oilfield Services, Henderson, Colorado

- Pump-down operator, chem skinner, fluid tech, pump maintenance professional, truck driver

Field Engineer

June 2017 - October 2017

BJ Services, Dickinson, North Dakota

- Utilized software programs for fracture monitoring and data acquisition.
- Accurately tracked inventories of sand and chemicals, and ensured variances were within acceptable limits.
- Interacted extensively with customers, consultants, and company representatives in a positive, professional manner as a primary point-of-contact between clients and service providers.

Fracturing Advisor

September 2014 - March 2015

StrataGen, Irving, Texas

- Interpreted treating pressure responses in real-time. Optimized treatment designs. Maximized proppant placement. Supervised fracturing crew and had zero screen-outs, saving time and money. Consistently demonstrated excellent judgement.
- Utilized Fracpro to monitor frac jobs and created post-job reports.
- Provided quality control for fracturing fluids and managed inventory of fracturing materials.

Fracturing Field Engineer, Equipment Operator Specialist, Fluid Technician

Trican Well Service, Minot, North Dakota

June 2012 - August 2014

- Simultaneously performed duties of Fracturing Field Engineer and Data Van Operator, allowing for a reduction in personnel and associated costs.
- Performed laboratory field tests for quality control of fracturing fluids, including water quality analysis.
- Named district employee-of-the-quarter for Q3 2012.

Education

Bachelor of Science in Computer Science

September 2015 - June 2017

Oregon State University, Corvallis, Oregon

- Mobile/Cloud Software Development (Java, Android Studio), Computer Networks, Operating Systems (Unix, Bash, C), Databases (PHP, MySQL), Analysis of Algorithms, Web Development (JavaScript, NodeJS), Software Engineering, Data Structures (C), Computer Architecture and Assembly Language (x86 MASM), Usability Engineering, C++, and Discrete Structures

Bachelor of Science in Environmental Engineering

2000, 2008-2011

Colorado State University, Fort Collins, Colorado

- Hydraulic Engineering, Non-Point Source Pollution, Water Quality Analysis and Treatment, Microbiology, Organic Chemistry, Air Pollution Engineering.