

**CHARLES HIGHUM**  
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## EDUCATION

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**Full Stack Web Development Certificate, University of Denver**

February 2022

**BS Petroleum Engineering, University of Texas at Austin**

May 2019

## EXPERIENCE

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**Chard's Yards Irrigation and Lawn Maintenance, Vail, CO**

June 2019 - August 2021

*Landscape Crew Foreman (May 2020 - August 2021)*

*Landscape Crew Member (June 2019 - October 2019)*

- Managed a crew of five employees and the weekly maintenance of 80+ residential and commercial properties
- Responsible for interacting with customers to make sure all of their needs were met and writing up tickets to ensure proper billing

**Vail Ski and Snowboard School, Vail, CO**

November 2019 - April 2021

*PSIA Alpine Level One Certified Ski Instructor*

- Gained invaluable skills and experience in customer service, communication, crisis management, patience, and teamwork while teaching both children and adults to ski

**Resolute Energy Corporation, Denver, CO**

Summer 2018

*Reservoir Engineering Intern*

- Collected, integrated, and analyzed large amounts of multi-disciplinary data on unconventional shale reservoir properties and horizontal well performance in the Permian Basin Wolfcamp formation
- Used the software platforms of MS Access, Excel, and Spotfire to mine the database for useful trends between key reservoir properties and well performance metrics
- Resulting correlations allowed Resolute to improve production forecast accuracy, high grade Wolfcamp sub-zones for development, and improve hydraulic fracture designs

**Amplify Energy, Carthage, TX**

Summer 2017

*Operations Engineering Intern*

- Reviewed 250 well files and logs to compile a data set for up hole recompletion potential of the Pettet zone in the Carthage Gas Unit allowing Amplify to prioritize wells for further evaluation
- Researched and analyzed previous production data and workover operations for a plugged well in order to budget, write, and oversee a coiled tubing cleanout procedure

**Resolute Energy Corporation, Denver, CO**

Summer 2016

*Reservoir Engineering Intern*

- Performed a reservoir characterization study using core data on the Aneth field, a giant EOR field in the Paradox basin, in order to identify flow units within the reservoir using a cluster analysis

## PROJECTS

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**FeedMe:** A web application designed to take a user's ingredients input and give them food and drink recipe ideas. Written using jQuery, Bootstrap CSS styling and HTML.

## SKILLS

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**Software:** JavaScript, jQuery, HTML, CSS, Bootstrap, Excel

**Personal:** Outstanding verbal and written communication, driven worker and competitor, motivating leader, eagerness to learn, creative problem solver