

# Alfred Garraffa

## Geologist - Software Developer

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## Education

**University of Denver: Coding Bootcamp**

**Front-end Proficiencies:** HTML, CSS, JavaScript, React

**Currently learning:** Python

**Back-end Proficiencies:** APIs, Node, Express, MySQL/Sequelize, MongoDB/Mongoose, REST,

**Master's in Science in Geology and Geological Engineering**

South Dakota School of Mines and Technology

Thesis Topic: Exhumation of Medium-Pressure Metamorphic Sole within a High-Pressure Region:

The Izmir-Ankara Suture, Orhnaeli Area, Turkey

**Bachelor's in Science - Geology**

University of Massachusetts - Amherst

## Professional Experience

**Onsite Geosteering, TD Geosteering**

Provided onsite geosteering for three geologically complex wells within the Marcellus Shale using realtime GR data as well as existing seismic.

2021

**Operations Geology Manager, Bruin E&P Operating LLC**

Managed and operated all wells drilled while at Bruin; responsible for well planning, mapping, geosteering, and post well analysis as well as involvement in core analysis and research.

2017-2020

**Operations Geologist, Halcon Resources, Denver, CO**

Responsible for geosteering wells in the Bakken and Three Forks formations. Additionally, analyzing core samples and log interpretation as well as basin development.

2013–2017

## Additional Proficiencies

- Williston Basin
- Geosteering
- Geophysical interpretation
- Subsurface geologic mapping
- Petra, GeoGraphix, ArcGIS
- Core analysis