

Patrick May

Software Developer

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[Github](#)

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Results-driven software developer with years of experience in project development and client communication in the energy sector. Skill set specializing in Python, including both front end and back end development. Able to effectively communicate with clients and coworkers to meet the needs of any project.

PROJECTS

Flask Book Blog

- Full featured web application created using flask framework.
- Used: Python, Flask, HTML/CSS, SQLite.

Yelp Campsite Finder

- A campground rating app. Users can create their own campgrounds or view and comment on others' campgrounds.
- Used: Javascript, MongoDB, HTML/CSS.

Reddit Book Bingo

- Created a small web application to keep up with Reddit's book challenge.
- Javascript, HTML/CSS, Bootstrap

PROFESSIONAL EXPERIENCE

Seismic Exchange Inc. / SEIMAX 2014-2020

Processing Geophysicist / Seismic Data Analyst

Processed 2D and 3D data specializing in geometry, noise suppression, velocity analysis, and data migration. Worked directly with clients to efficiently manage projects with strict deadlines.

- **Reprocessed data** to create higher quality and more accurate geologic images.
- **Updated processing work flow** to stay innovative and best resolve new problems. Worked with programmers and computer scientists to use and test proprietary processing programs.
- **Worked in teams and individually** to meet internal and client deadlines while guaranteeing high standard of work. Utilized different technologies and programs to stay innovative in the energy sector.

Geosite Inc. 2014-2014

Hydrocarbon Logging Geologist

Logging specialist that focused on lithology descriptions, equipment maintenance, and gas monitoring. Interpreted gamma logs and reported to supervisors and project leads in a timely manner.

- **Recorded lithologies at specific depths** on detailed database to formulate a digital stratigraphic column while including drill and mineral information.
- **Trained new employees** on proper logging procedure, equipment set up, and equipment maintenance. Also taught new employees important aspects of geology and necessary information about drilling.

SKILLS

Python (Flask)

PostgreSQL

Javascript

HTML/CSS

REST APIs

Git

Geophysics

EDUCATION

B.S. Geosciences/Geophysics 2014

Virginia Tech

Member SGE Geoscience Honor Society