Peter Looney

Software Engineer
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Creative problem solver, software engineer, and former field engineer eager to continue learning new languages and technologies and apply them to settle real-world issues. Before software engineering, I graduated from Texas A&M with a Major in Industrial Engineering and a minor in Mathematics. I then worked as a field engineer for Halliburton's production enhancement service line, primarily responsible for designing hydraulic fracturing jobs, ordering chemicals, liaising with customers, and training crew members with proprietary HES software.

SOFTWARE DEVELOPMENT SKILLS

- JavaScript, Python, Node.js, Express, React, Redux, RESTful API, PostgreSQL, Sequalize, Bootstrap, jQuery, HTML, CSS, Debugging, Git, GitHub

EDUCATION

Texas A&M University | B.S. in Industrial Engineering | College Station, Texas   August 2013 – May 2018
- Minor in Mathematics
- Cumulative GPA: 3.00

Digital Crafts | Certificate in Software Engineering | Houston, Texas   August – December 2020
- Software engineering training program covering full-stack development including, but not limited to, JavaScript, Python, including an emphasis on cutting-edge frameworks like React/Redux and server-side technologies including Node.js, Express, and PostgreSQL

SOFTWARE DEVELOPMENT PORTFOLIO

GitFit | gitfit-app.herokuapp.com | github.com/plooney81/Backend-Project   October 2020
- Member of a three-person development team building a coder-based workout tracking application
- Aside from logging workouts and showing monthly personal records, users can also create personal goals, host a new public challenge group, or join an existing public challenge
- Primary responsibilities included providing API and Database routes
- Full-stack project created using Node.js, Express, Sequelize, RESTful API, PostgreSQL, and ES6-Template Engine

Dine-In Doggos | github.com/plooney81/front-end-project   September 2020
- Member of a three-person development team building a site that allows users to search for dog-friendly restaurants in their area
- Using the Google Places API and a Regular Expression, the application searches through restaurant reviews in the area and returns the results where the expression evaluates to true
- Primarily responsible for the front-end calls to the Google Places API/ Library and FourSquare API to receive restaurant data and photos
- Front-end project created using HTML, CSS, JavaScript, AJAX, jQuery, and Bootstrap

PROFESSIONAL WORK EXPERIENCE

Halliburton Energy Services | Associate Technical Professional | Odessa, Texas   August 2018 – April 2020
- Designed hydraulic fracturing jobs and ordered all chemicals in line with customer requirements
- Trained crew members on Halliburton stimulation software and customer-required data collection processes
- Liaised with high-profile customers to satisfy evolving data-collection needs throughout the lifecycle of a job
- Communicated to the crew any safety concerns associated with the chemicals on location

RELEVANT SCHOOL EXPERIENCE

Lockheed Martin Aerospace | Project Group Member | Fort Worth, Texas   August – December 2017
- Built two discrete simulation models for a Lockheed Martin supplier of the F-35 canopy fairing
- Provided useful information for process improvement recommendations that were validated by the models