

Daniel Watson

Software Engineer

Dynamic and experienced analyst who utilizes problem solving and organizational skills to balance work, team support, and responsibilities in a timely manner. Proven to be dedicated and determined to learn and grow within the Software Engineering field.

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WORK EXPERIENCE

Healthcare Analyst Orthonet, LLC

02/2019 - Present

Achievements/Tasks

- Utilizes SQL to analyze and combine big data sets to aid organizational decision making and track program performance.
- Conducts client specific program refresh to generate 15% impact on claim intake vs savings ratio.
- Builds forecasting models for clients to track budget and performance variations for financial and operational metrics; Used as base model to track COVID-19 impact on program.

Data Analyst Orthonet, LLC

02/2017 - 02/2019

Achievements/Tasks

- Assisted in creating data visualization dashboards through Tableau to streamline data and provide interactive reporting for operational stakeholders.
- Automated data pulls through stored procedures and database tables to expedite scheduled client reporting and increase efficiency in analysis.
- Applied data migration tools, SQL Server Integration Services (SSIS), to load or extract datasets for analysis.

Appeals & Denials Coordinator Orthonet, LLC

03/2015 - 02/2017

Mailroom Coordinator Orthonet, LLC

04/2014 - 03/2015

EDUCATION

M.S. Health and Medical Informatics Brandeis University

09/2016 - 12/2018

Waltham, Massachusetts

B.A. Sociology CUNY Queens College

01/2010 - 12/2014

Queens, New York

SKILLS

JavaScript

React

Ruby on Rails

Ruby

SQL

MongoDB

NodeJS

Express

HTML

CSS

Tableau

jQuery

Excel

PERSONAL PROJECTS

Dunder Mifflin Employee Portal

- [Dunder Mifflin Employee Portal](#) - [Link to code](#)
- Created a full-stack web application utilizing Ruby, Ruby on Rails, React and PostgreSQL to mock an employee portal.
- "Employees" are able to create PTO requests which creates an email notification to their "Manager" who are then able to Approve/Deny requests
- Utilized recursive relationship with user authentication to establish Employees - Manager relationship which enables employees to send an email to their manager when a new PTO request is created.

Sugar Spell Mock Website

- [Sugar Spell Site](#) - [Link to Code](#)
- Created a full-stack web application that makes use of NodeJS, Express and MongoDB to showcase a treats business.
- Purpose was to gain a better understanding of connecting front end with a back end database through the use of Express and MongoDB.
- Implemented authentication flow to allow business owner to manage orders.

Media Quiz

- [Media Quiz Site](#) - [Link to Code](#)
- Created a web application that utilizes API calls to create dynamic quizzes based trending topics in entertainment.
- Utilized jQuery to take back user selections to provide feedback on the correct answer for the questions.

TRAINING

All Aboard Bootcamp (03/2021 - 03/2021)

Learned Ruby, Ruby on Rails, SQLite, Javascript, HTML and CSS. Worked on setting up model, view, controller (MVC) design pattern with a SQLite database.

General Assembly - JavaScript Development (01/2020 - 04/2020)

Studied JavaScript frontend fundamentals through Object Oriented Programming, Document Object Models (DOM), API calls and jQuery

INTERESTS

Sports

Traveling

Exercise