

PHILLIP PATTERSON

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SUMMARY

My years of experience in analytical science has strengthened my attention to detail, problem solving and reinforced the necessary soft-skills needed for a collaborative environment. I have a desire to grow and continuously learn to strengthen my passion of creating for others. I am drawn to web development because I enjoy bringing a vision to life, whether it be my own or from a client.

PROJECTS

Team Manager

- HTML 5, CSS 3, Django, Python 3, PostgreSQL.
- Using the Django built-in administration site to manage custom relational databases that help manage Maine Mussels Youth Lacrosse Organization and to create custom front-end displays .

Teddi

- HTML 5, CSS 3, Javascript, jQuery, PostgreSQL, RESTful API/AJAX, Node, and Express
- This app allows you to access the National Park Service's API and save up to date information about all the US National Parks

FlashDash

- HTML 5, CSS 3, Javascript, React, MongoDB/Mongoose, Node and Express
- Flashcard was a collaborative effort to create a React JS application that allows a user to create electronic flashcards that they can quiz themselves with to improve their learning experience

Connect 4

- HTML 5, CSS 3, Javascript, jQuery
- Based off the common childhood game, Connect 4, two players play against each other, alternating turns, to get 4 game pieces in a row (horizontal, vertical, or horizontal)

EXPERIENCE

General Assembly, Full-Stack Web Developer

- Spent 700+ hours in a collaborative project-based web development course focused on full stack application with short and rigorous deadlines
- Highly focused on the implementation of the MERN stack with exposure to ReactJS, Python, and Django
- Highly efficient in using Git workflow version control and white-boarding design techniques to complete deliverables in short 1 week sprints
- Other Technologies: Web Scraping(Cheerio)

Nov 2017 - Mar 2018

Aspent Health, Data Review and Confirmation Scientist, Burlington, Vermont

- Established new employee work schedule that increased specimen turn-around time by 50%.
- Collected and processed data acquired from analytical instrumentation.
- Troubleshoot instrumentation and investigate aberrant test results.
- Performed routine maintenance and troubleshooting of equipment.

Aug 2017 - Nov 2017

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Aug 2017 - Nov 2017

Mylan Technologies, Quality Control Analytical Chemist, St. Albans, Vermont

- Performed analytical testing on all of Mylan Technology pharmaceutical transdermal products (12 different patches in varied doses).
- Short term(1 hour) and long term(1 month) analysis of transdermal patches, which increased delivery of product quality.
- Interpreted test results and ensured that they met specifications and performed analytical investigations to address aberrant test results . - Worked along-side chemists, scientists, and managers in a collaborative environment.

Aug 2014 - Aug 2016

Quality Control Analytical Chemist, St. Albans, Vermont

- Performed analytical testing on all of Mylan Technology pharmaceutical transdermal products (12 different patches in varied doses)
- Short term(1 hour) and long term(1 month) analysis of transdermal patches, which increased delivery of product quality
- Interpreted test results and ensured that they met specifications and performed analytical investigations to address aberrant test results
- Worked along-side chemists, scientists, and managers in a collaborative environment

Aug 2014 - Aug 2016

University of Vermont Medical Center, Phlebotomist, Burlington, Vermont

- Obtained multiple blood specimens from up to 30 patients a day
- Comforted patients ranging from newborns to geriatric to obtain samples in a safe and efficient manner
- Performed phlebotomy in multiple healthcare settings (psychiatric ward, pre and post-operation, inpatient, and outpatient)

Nov 2013 - Aug 2014

EDUCATION

General Assembly

2018
12 week immersive Web Development Program

Castleton University

BA Health Science 2013

SKILLS

FRONT-END: HTML, CSS, Javascript, jQuery, React, Django, AJAX, Express Js
BACK-END: PostgreSQL, MongoDB, Python 3, Node JS
TECHNICAL: Git / GitHub, Wire Framing, Web-Scraping (Cheerio)

ACTIVITIES

Castleton Men's Lacrosse

Nominated Captain in 2013

Aug 2009 - May 2013

Castleton Mentoring Program, Mentor

May 2010 - May 2010

Rochester Area Sports Trail Alliance, Trail Maintenance Volunteer

Central Vermont Trails

Aug 2016 - Nov 2016