

SAMUEL PATTERSON

Software Engineer

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BA in Chemistry from Lawrence University. Quickly learned that path wasn't for me and began to look into coding. After taking some self-taught courses online, I found a Full-Stack bootcamp run by UW-Madison. I quickly realized this was the path for me. I am currently looking for my first position in the tech field as preferably a full-stack engineer but open to front/back end exclusive positions.

SKILLS

HTML	CSS	Scrum	SASS/L	JavaScript	React	Redux	MongoDB	Node.js
Express	PSQL	SQLite	Bootstrap	Material UI	TypeScript	Python	Postgres	
Flask	Pandas	Numpy	Scikit-learn	Git				

EDUCATION

LAWRENCE UNIVERSITY

Chemistry B.A. | Sep 2015 - May 2019

UNIVERSITY OF MADISON

Bootcamp Certificate | Aug 2021 - May 2022

PROJECT EXPERIENCE

MUSHRX (LINK HERE)

Sole Developer | Apr 2022 - Current

Stack used: React, Python, Flask, PostgreSQL, Material-UI for styling

The hardest part of foraging mushrooms is knowing where to start. Mushrx shows you historical data and cross references weather data to help you find good areas to start.

Repo(s): <https://github.com/spatterss135/mushrx-client>/<https://github.com/spatterss135/mushrx-back>

SOCIAL APP (LINK HERE)

Team Leader | Feb 2022 - Current

Stack used: React, Express, PostgreSQL, Node.js, Material-UI for styling

Full-Stack Application for a generic social media website. Write posts, find friends, comment and like their posts. See there profiles and exclusive activity.

Repo(s): <https://github.com/spatterss135/social-app-client>/<https://github.com/spatterss135/social-app-server>

GALAGA CLONE (LINK HERE)

Sole Developer | Nov 2021 - Dec 2021

A video game most similar to the arcade classic Galaga. Built using Phaser, a comprehensive library for creating video games in JavaScript.

Repo(s): <https://github.com/spatterss135/flappyClone>

WORK EXPERIENCE

BRENNTAG

Quality Control Analyst | Oct 2019 - Apr 2020

- Performed analytical tests to ensure chemical product were within specification. (UV-Vis, IR, Acid/Base % Karl Fischer Titration, GCMS, Specific Gravity, Flash Point, Distillations)
- Problem solved to determine contents and concentrations of various chemicals in unknown solutions.
- Maintained records in regard to products received and their expiration dates.
- Performed various administrative tasks in regards to specific customer requests.

GAP IN WORK EXPERIENCE

Adventurer | Apr 2020 - Current

Since the beginning of Covid, these are notable things I have done with my time:

- Dove deep into my passion for investments and stocks.
- Self-taught data science for a year.
- UW-Madison Full-Stack Bootcamp
- Ran an Olympic Triathlon