# **HELEN G HIGHWATER**

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## TECHNOLOGIES / SKILLS

Ruby on Rails, Python, JavaScript, React, Redux, Node.js, Express.js, jQuery, AJAX, JSON, HTML, CSS, SQL, PostgreSQL, Git / GitHub, Heroku

## **PROJECTS**

PourFolio | Python, Javascript, React, AJAX

github

Wine cellar tracking app that allows users to create aging schedules for wine or beer, and store / review tasting notes.

#### Farnsworth's 'What if Machine' | Javascript, CSS, HTML, GPT-3

**github** 

Used OpenAl's GPT-3 to create an Al response generator that answers any "what if" scenario you supply

## UNTAPPDVintage | JavaScript, Ruby, React/Redux, Rails, Postgres, AWS

aithub

- Utilized React and ES6 to create a single page web app for a rich user experience.
- Incorporated Amazon's S3 for media storage into the Rails back-end and with Active Storage, and maintained security of the content with AWS IAM.

#### Flip Up | Mongodb, Express, React, Node.js

<u>github</u>

- Set up API functionality through Redux and Axios to build a shared API access layer for the frontend.
- Focused on front-end user functionality that accessed information across all other divisions of the site, allowing for seamless and interactive user interface.
- Operated on a team of 4, making use of Github pull requests to facilitate conflict-free merging of changes.

### Olaf's Escape | JavaScripts, Canvas, Webpack, HTML5, CSS

aithub

Built a custom game engine using Javascript eventListeners to manage movement of the user's character

#### **EXPERIENCE**

#### Junior Developer

Next Glass Inc Inc Aug 2022 - March 2023

- Full stack development using Ruby on Rails, HTML, CSS, and some JavaScript
- Added features to large, established SaaS codebase
- Reviewed pull requests, participated in planning process, and paired with senior developers

Ceramic Artist Sep 2017 - Dec 2020

Specialized in alternative firing techniques, was featured in pop-up shops and galleries, and sold commissions.

#### Licensing Coordinator

Williams Sonoma Inc

Sep 2016 - Sep 2017

- Helped create the WS Licensing department to manage relationships with licensors, create new relationships, and ensure legal compliance per our licensing agreements, effectively growing licensed relationships by over 30%.
- Developed a new tracking system that utilized Excel Macros to ensure contractually obligated product samples were delivered to the client, saving roughly \$100K.

## **Buying & Buying Operations**

URBN Inc Oct 2013 - Jul 2016

• Issued purchase orders; enter new merchandise into production & merch systems; update existing data upon changes

#### **EDUCATION AND TRAINING**

Hackbright Academy - Software Engineering Fellowship - 2024 - Accelerated software engineering program AppAcademy - Full Stack Development Certificate, 2022
Seattle University - BS Business Management, 2006-2010

#### **ACTIVITIES / INTERESTS:**

Dog Mom, Home Brewer, Kintsugi Specialist, Baker, Rock & Mineral Collector, World Traveler, PADI Certified Shark Conservation Specialist, Skydiver, Scubadiver