Justin Kilburn

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SKILLS   React, Redux, JavaScript, Three.js, Ruby, Ruby on Rails, jQuery, SQL, Git, HTML5, CSS3

PROJECTS

Hobbypin (Rails, React, Redux HTML5, AWS and CSS3)   **Live Site |Github**
A full-stack single-page Pinterest clone where users can create 'boards' to organize image 'pins'.
- Created custom CSS animations for a clean and attractive splash page.
- Devised a dynamic main page design to match the size of the window the user is viewing the page through.
- Implemented modals that seamlessly allow for interaction with the site without refreshing or changing the page.

FENCES (JavaScript, HTML, CSS and Three.js)   **Live Site | Github**
A minimalist-style board game with a reactive computer AI where you must reach the other side of the board before your opponent, all the while blocking their path while they do yours.
- Utilized the Three.js library to render backend game logic in an interactive 3-D environment.
- Devised a computer-player AI that will decide how to play in response to how the user plays and uses Polytree data structures for deciding its fastest route and where to block the user.
- Built a responsive board that shows the player valid moves when they select their piece.

reBindr (MongoDB, Mongoose, ExpressJS, React, Redux, Node, Javascript, HTML, CSS)   **Live Site | Github**
A full-stack single-page application for creating custom email and text reminders for your appliances.
- Integrated the Twilio and SendGrid APIs for scheduling and sending custom emails and texts containing pertinent information and links from a database.
- Sustained a healthy git routine and maintained open communication with two other developers, allowing for continuous work without conflict.
- Designed backend routes to match the needs of the frontend developers to access a database.

EXPERIENCE

Southside Coffee, *Manager* Brooklyn, NY   April 2016-September 2022
- Operated day-to-day activities which led to consistent increase in monthly profits on a year-to-year comparison by at least 10% each month for four consecutive years.
- Managed and trained a team of ten, setting clear goals and expectations, providing regular feedback and guidance, and leading by example to foster a positive and productive team culture.
- Analyzed sales trends and forecasted future customer demand to maintain optimal stock levels.
- Established and monitored safety protocols during the Covid-19 pandemic that led to zero cases of infection spreading from one staff member to another.
- Coordinated a new grocery system during the Covid-19 pandemic that allowed for safe, hands-free shopping for customers and continued revenue for the cafe.

EDUCATION

App Academy   New York, NY   2022
- Rigorous 1000-hour immersive full-stack web development intensive with <3% acceptance rate.
- Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices.

University of Connecticut   Storrs, CT   2009
- Bachelor of Science - Psychology; Minor - English