Kevin Chan

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SKILLS
Ruby, Rails, JavaScript, TypeScript, Mongo, Node.js, Express, React.js, Redux, SQL, Git, HTML, CSS, Jest, AWS

PROJECTS

LinkedUp   Live Site | Github

A LinkedIn cloned social media platform that focuses on professional networking, allowing users to create profiles, connect with other professionals, and share content related to their industry

Skills: Rails, PostgreSQL, JavaScript, React, Redux, HTML, CSS, Clearbit API, AWS

- Implemented the Clearbit API to streamline the completion of company names and logos, enhancing efficiency and reducing backend database usage by removing the necessity of manually uploading images for logo presentation.
- Efficiently streamlined data management by selectively providing routes and transmitting only essential information to the state.
- Implemented synchronous filtering to enhance search bar accuracy and efficiency. Effectively retrieves precise search results matching user input, optimizing performance by filtering existing data without extra database overheads.

ARTifacts   Live Site | Github

A MERN stack web application developed with 3 other engineers for users to explore artwork from throughout history

Skills: MongoDB, Express, ReactJs, Node.js, Leaflet Library, Cleveland Art API, CSS

- Devised a distinctive layout and animation design for the web page, and executed its implementation with precision, resulting in a visually engaging and interactive user experience.
- Collaborated closely with the backend development team to control data access and ensure seamless integration of the required information for visualization on the page.
- Maintained the essential functionality of the webpage while ensuring a visually clean and streamlined appearance.

The Adventure of Gary the Snail   Live Site | Github

A JavaScript Game that is a 2D interactive puzzle game

Skills: JavaScript, HTML, Canvas, CSS

- Constructed a unidirectional data flow architecture with a single application-level state object to prevent mutated state and data collision, and to ensure reliable DOM rendering
- Assigned different 'obstacles' and position of them to each individual tile for each level, ensured that only 'obstacle' tiles are repainted to the DOM, thus heavily reducing game lag.
- Built a collision detection system that manages the condition and animation of each object when they collide.
- Implemented asynchronous function and loading screen to ensure a seamless user experience by avoiding abrupt object transitions that may result in visual inconsistency.

EXPERIENCE

AI Testing Engineer (Project Based Freelancer)   United States

ScaleAI, July 2023 - Present

- Created algorithm, system design, and javascript prompts based on scenarios from large language models
- Implemented RLHF (Human Feedback Loop in Reinforcement Learning) to assess and enhance the quality, readability, and comprehensiveness of code responses generated by a Large Language Model (LLM), resulting in improved model performance and accuracy
- Developed meticulously reasoned JavaScript code to illustrate how to effectively guide and elicit responses from the language model through prompts

Finance Associate   Hong Kong, China

Gold East Trading Hong Kong Co., Ltd, Nov 2020 - Feb 2022

- Leveraged SAP to manage daily receivables and payables in a timely and accurate manner, ensuring accurate and efficient tracking of financial transactions to maintain optimal financial performance and liquidity.
- Compiled regular reports and meeting materials, utilizing strong attention to detail and data analysis skills to ensure accuracy and relevance of financial information.
- Increased the overall efficiency of financial operations by 20% through collaborative streamlining of processes with other cross-functional team members.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Spring 2023)

University at Buffalo - *BA - Economics*   (Summer 2018)