Ying Chen

P. 260-609-4356   cy240705@gmail.com   LinkedIn   Github   Fremont / Bay Area

SKILLS

React.js, Rails, JavaScript, jQuery, Ruby, Redux, SQL, Git, HTML5, CSS3, PostgreSQL, MongoDB, ExpressJS

PROJECTS

Ama2on   Live Site | Github

Ama2on is a clone of Amazon using Javascript, React.js, Redux, Ruby on Rails, and PostgreSQL.

- Designed database schema and ORM using Ruby on Rails for storing users, products, reviews and shopping carts to enable creating REST APIs for the frontend to consume and use
- Integrated AWS S3 with Ruby on Rails active storage for serving product images, making the site scale easily as more products are added
- Optimized UI and UX by paying great attention to details such as color harmony, design layouts, text contrast, and image selections, delivering an aesthetically pleasing and intuitive user experience
- Built the Single Page application on the frontend with React.js and Redux communicating the backend with AJAX, to achieve dynamic, seamless and fast user interactions

MoneyBuddy   Live Site | Github

Moneybuddy is a website designed to help users manage their finances by keeping track of expenses, and income using MongoDB, Express.js, React, and Node.js.

- Collaborated on team of 3 to integrate API between backend and frontend, enabling team members to work independently
- Scheduled daily stand-up sessions to report work progress, discuss blockers, and debug issues, in order to keep our project on track to finish in time
- Worked on the frontend with React.js with special focus on UI and UX for example selecting icons, choosing background images and designing site layout to deliver a great user experience
- Leveraged a chart library (ReChart) to implement a Pie Chart for helping users understand their spending habits

Matching   Live Site | Github

Matching is a game where players find and match the same images in a grid using Vanilla Javascript.

- Designed algorithm to initiate the game dynamically with images that the grid of images are different for each play
- Implemented a variation of DFS (Depth First Search) algorithm to find a valid path between two images for determining whether the player matches two images successfully
- Built on the native Browser API for audio for playing carefully selected background music and clicking sounds, stimulating a lively and relaxing experience to the players

EXPERIENCE

Accountant

Mil-Techs, Inc- Milpitas,CA, October 2020 - January 2021

- Performed monthly and weekly bank reconciliation and general ledger to resolve discrepancies and accounting errors
- Monitored bank balance regularly to avoid overdrafts and non-sufficient funds
- Prepared and analyzed monthly and weekly financial reports for 100% accuracy

Accounts Receivable Specialist

WayFong LLC-Maspeth, NY, October 2019 - March 2020

- Prepared incoming checks and cash for bank deposits totaling over $80,000/day
- Communicated directly with customers to resolve past due balances, increasing collections by 50%

Waitress & General Manager

Sakura Japanese Restaurant- Fort Wayne, IN, August 2013-August 2019

- Hired, trained, and mentored 20 servers and hostesses on customer service skills and conflict resolution techniques
- Created Excel break-even analysis worksheet by keeping track of sales and expenses to project future earnings and expenses

EDUCATION

App Academy- immersive course to learn software engineering with focus on full stack web development   (Summer 2021)

Indiana University, Kelley School of Business - *BS - Bachelor of Science in Business*   (May 2019)