MICHELLE CHUNG

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SKILLS   React, Redux, Ruby, Ruby on Rails, Javascript, SQL, Git, HTML5, CSS3, Express.js, Node.js, PostgreSQL, AWS S3, MongoDB, Mongoose, JSON, Webpack, Babel, NPM, Rspec, Jasmine

PROJECTS

GrubGlobe (JavaScript, MongoDB, Express.js, Node.js. React, Redux, CSS, AWS, Spoonacular API, and Heroku)   **Live Site |Github**
A global socialrecipe explorer that integrates AI chat and gamifies recipe completion.
- Utilized Spoonacular API to fetch and format recipe data uploads to MongoDB, ensuring data consistency and reliability through the validation of recipe objects.
- Employed AWS S3 for multimedia content storage and retrieval for recipe images and user image uploads to reviews.
- Designed the backend model, validations, and routes for user and recipe data with the MERN stack, enhancing data integrity.
- Leveraged Redux to persist user interactivity and completed recipes in the store state, with React to display and update the list of completed recipes, improving real-time application responsiveness.
- Conceptualized and developed a user badge system that gamifies the recipe completion at the end of each recipe, promoting user retention and engagement.

EventMe (Rails, PostgreSQL, React, Redux, Webpack, Render)   **Live Site | Github**
A fullstack Eventbrite clone where users can host events and purchase tickets for those events.
- Implemented full user authentication using Active Record macro method and bcrypt library for session-based authentication, enhancing system security.
- Built an event hosting and ticket booking CRUD interface using Active Record for custom database operations and PostgreSQL for database management.
- Utilized Redux state management to handle user inputs for events and ticket form submissions, streamlined the input and submission change handlers, effectively reducing code redundancy and improving maintainability.

CatDefense (Javascript, HTML, CSS, Canvas)   **Live Site | Github**
A single-page tower defnse game utilizing vanilla JavaScript and HTML canvas.
- Devised a collision detection logic to manage unidirectionally moving enemy objects with static user-placed objects that shoot projectiles, enhancing gameplay mechanics.
- Implemented enemy movement system utilizing waypoints and calculated velocities to smoothly navigate towards targets.
- Implemented enemy movement animation with dynamic frame switching based on elapsed time using canvas and JavaScript.
- Integrated mouse input to track cursor movement and click events for cat placement with real-time currency deduction and position validation.

EXPERIENCE

Bank of America, *Relationship Banker* San Francisco, CA   July 2022 - November 2022
- Assisted clients in effectively managing their deposit and savings accounts, increasing the utilization of banking tools such as AI based Erica and Life Plan to enhance their financial planning.
- Fostered client partnerships by connecting them with specialized bankers, including Small Business bankers, Merrill Financial Advisors, and Relationship Managers, to ensure comprehensive service delivery that tailors to their unique needs.
- Surpassed sales targets through strategic use of Salesforce, analyzing current client banking activity to drive Preferred Rewards enrollment, promoting higher deposit movement and increasing customer engagement.

Kyohaksa Publishing Co., *Account Management Associate* Seoul, South Korea   May 2020- Oct 2020
- Compiled a list of e-Books and textbooks for schools to purchase for their classrooms, supporting $16,283 in sales revenue
- Strengthened client relationship with local private high schools in Seoul with relevant content updates through email marketing
- Collaborated cross-functionally on finance data, accounting for $6,823,384 in sales revenue with KcLep accounting software

EDUCATION

App Academy   San Francisco, CA   2023
- Web development bootcamp with 1000 - hour curriculum and < 3% acceptance rate

University of Illinois - Urbana Champaign   Champaign, IL   2021
   B.A. Consumer Economics and Finance | College of Agricultural, Consumer and Environmental Sciences