Mimi (Oanh My) Ly
Full Stack Software Engineer

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SKILLS
Python, JavaScript, Ruby, React.js, Ruby on Rails, CSS, HTML, jQuery, Redux, SQL, Git, Github, AWS S3, Node.js, Java, MongoDB, Procreate, PhotoShop, APIs

PROJECTS

GameBuddy (JavaScript, React / Redux, MongoDB, Node,js, Express.js, Heroku, HTML5, CSS3, npm, NoSQL)   Live Site | Github
A social platform that facilitates the interactions between users of different skill levels to create a fun gaming community.
- Led the front-end implementation of user authentication using React, rooms and reviews CRUD, and CSS styling for the website
- Created custom modal using React component, which allows for reusable HTML elements that can be changed without reloading the entire page
- Maintained theme consistency throughout the design process and produced stunning visual elements of web applications by translating UI/UX design wireframes into code using HTML5 and CSS3
- Leveraged websockets using a publish/subscribe pattern which allows us to separate the communication and application easily, thereby creating isolated components which resulted in improving code quality and maintainability
- Utilized Riot API to render users's statistics and instant messaging in real time
- Collaborated with 3 software engineers to minimize merge conflicts by working on a single code repository and sending pull requests for a smooth Git workflow

Fun Elephant (JavaScript, React / Redux, Ruby / Rails, HTML5, CSS3, AWS, Heroku, PostgreSQL)   Live Site | Github
A clone of Drunk Elephant website where users can mimic the features of adding items to cart, create a wish-list, write reviews, and read about the product descriptions.
- Architected custom form validation and modal component using React and Rails for DRY, modular code
- Developed reusable components to ensure user experience will be the same across all products for consistency
- Designed and optimized SQL queries through the utilization of Active Records to improve performance by selecting only the needed data and reduce the number of instantiated objects
- Implemented full CRUD features for user reviews and shopping carts, and additional features such as search using Rails backend to retrieve corresponding posts based on name of product
- Utilized Postman to test all our APIs handling the CRUD operations available for user registration, rooms creation, and reviews

e-Sunny (Vanilla JS, Ruby, HTML5, CSS)   Live Site | Github
Interactive JavaScript and HTML5 Canvas game designed to showcase the responsibilities of owning a pet that is suitable for all ages.
- Utilized canvas element to implement fundamental game mechanics like rendering and moving images, controlling mechanism, and winning and losing states to create a dynamic gaming environment
- Applied keyframes animation in CSS to create smooth animations
- Incorporated event handlers to detect changes in the browser or operating system environment

EXPERIENCE

Medical Administrative Assistant
Advanced Orthopedic & Sports Medicine, Nov 2017 - Jun 2022
- Supervised and trained a team of 12 new hires to work in a professional, engaging, and fast-paced environment, which resulted in a decrease in turnover rate by 30%
- Initiated adoption and implementation a new Electronic Medical Records system resulting in 30% more work efficiency
- Facilitated patient-doctor communication which resulted in customer satisfaction score of 4.6 stars out of 5 on yelp
- Collaborated with venders to order medical supplies for the office, resulting in decrease of overhead cost by 10%
- Supported 6 doctors with filling out medical records, disabilities paperworks, and prescription pre-authorization refills to ensure patient satisfaction and on time quality of care

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (Summer 2022)
University of California, Irvine - *Bachelor of Arts in Business Economics* (Spring 2015)
University of California, Irvine - *Bachelor of Science in Public Health Sciences* (Spring 2015)