Michelle Ha

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Canvas, Webpack, jQuery, Git, Heroku, AWS S3

EXPERIENCE

Technical Instructor - App Academy   April 2021 - Present
- Conducted technical and non-technical interviews while objectively evaluating candidates based on coding and behavioral skills
- Mentored students on technical concepts such as Ruby, Rails, Javascript, React, Redux, and SQL while optimizing their learning by guiding them through problem solving and debugging
- Customized teachings based on individual learning styles and coding experience

PROJECTS

Time Blocks   *MongoDB, Express, React, Node, Axios*   live | github
Time Blocks is a mobile-friendly time-management application to help users keep track of daily tasks.
- Collaborated in a 4-member team implementing git workflow and managing pushes, pulls, and merges
- Defined API route calls using Express Router to handle Categories and serve response data to React frontend components
- Applied selector to Task Category using onChange() in combination with updateField() to persist color when category is created and stored inside MongoDB

Lazy Panda   *Rails, React, Redux, PostgreSQL, AWS, SCSS*   live | github
Lazy Panda is a Bored Panda website clone. It is a social media application allowing users to post and share photos.
- Utilized Active Storage with Ruby on Rails backend to upload and reference multimedia connected to Amazon S3 to maintain content security as well as reduce server load
- Leveraged mapStateToProps() to obtain a slice of the Redux store state and display Post, Subpost, and Review data for a smoother dynamic user experience
- Achieved tallying Likes in real-time using React lifecycle method componentDidUpdate() and comparing prevProps to newly updated Props
- Added bcrypt Ruby gem for hashing and securely handling User Authentication such as login and logout

Guardian Panda *Vanilla Javascript, CSS, HTML, Canvas*   live | github
Guardian Panda is a 2D web-based JavaScript game in which the player panda defends against waves of enemies.
- Implemented HTML canvas alongside JavaScript to produce visual-appealing, web-based graphics with the use of .getElementById() and .addEventListener() for playing and pausing music
- Integrated multiple sprites using .drawImage(), and mathematically calculating width and height to customize dynamic, detail-oriented animations
- Created a method .update() to correlate object sprite animation frames with character direction and enemy strength and speed as the game progresses

EDUCATION

Web Development - App Academy   Spring 2021
Immersive software development course with a focus on full-stack web development; 1000+ hours of coding.
Doctorate of Chiropractic - Palmer College   Summer 2020
BS of Kinesiology - San Francisco State University   June 2015