Luis Hong

Full Stack Web Developer

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Experience

Infosys, Houston, Texas
Senior Technology Analyst, Nov 2019 - March 2023
- Worked on an application that is a central platform that allows managers and associates to perform, and keep track of their duties more efficiently.
- Iteratively developed MVPs based on stakeholder specifications, culminating in the deployment of a production-ready, scalable AI solution.
- Developed several dynamic components using Typescript, Angular and React in accordance with user requirements, including navigation, functionality, and visuals.
- Defined and implemented robust type interfaces with TypeScript, ensuring data integrity and facilitating seamless integration with AI/ML pipelines.
- Used react-redux to control and manage state of application.
- Leveraged PrimeNG and React-Bootstrap to construct and refine intuitive user interfaces, incorporating AI-enhanced design principles for optimal user experience.
- Contributed to expanding the application by following git workflow, two week releases, and using Agile methodology.
- Integrated Frontend components with existing RESTful APIs, facilitating seamless data exchange and AI model inference from backend services.
- Performed maintenance and refactoring after sprints parallel to new requirements.
- Facilitated knowledge transfer sessions for new team members, accelerating their onboarding and fostering a shared understanding of the project's AI-centric architecture.

University of Texas at San Antonio, San Antonio, Texas
Math Tutor, Jan 2018 - April 2018
- Tutored students in college algebra in small groups and individually as part of Math Matters program.

Education

Flatiron School, Houston, Texas (May - Aug 2019)
- Full Stack Web Development, Ruby on Rails and JavaScript immersive program

University of Texas at San Antonio, San Antonio, Texas (2018)
- Bachelor of Science: Mechanical Engineering

Skills

React
Angular
JavaScript
TypeScript
NodeJS
Java
Ruby on Rails
HTML
CSS
SQL
Git
GitHub

Certifications

AWS Cloud Practitioner

IvyWeek Task Organizer - GitHub | Live Project
Weekly planner based on the Ivy Lee Method for optimizing productivity.
- Implemented UI using React, JavaScript, HTML, CSS and Anime.js.
- LocalStorage used for saving and retrieving data from browser.
- Implemented uuid for unique identifiers.

Chaotic Attractor Visualizer - GitHub | Live Project
Tool to explore and visualize the mathematical and artistic aspect of chaotic attractors.
- UI, main functionality and logic implemented with JavaScript.
- Graphics generated with P5.js.
- Rendering of attractors based of sets of differential equations.