Joey Wu

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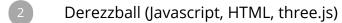
Projects

1 **Mamba (Rails, PostgreSQL, React, Redux)**   Live • 🐙   mamba

A RESTful project management web application inspired by Asana

- Bound AJAX requests to keyboard event listeners for real-time task editing
- Utilized debouncing in text entry to reduce back-end requests for light-weight performance
- Employed transitions with CSS3 to provide user feedback on inputs for intuitive functional flow
- Implemented unidirectional data flow through React architecture for reliable DOM rendering
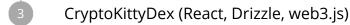
2 **Derezzball (Javascript, HTML, three.js)**   Live • 🐙

A 3-Dimensional pong game inspired by Tron and Outrun

- Created 3-dimensional game objects by implementing geometries in three.js library
- Generated collision, game, and physical logic of game objects in vanilla Javascript
- Crafted game aesthetics using CSS3 animation keyframes and DOM manipulation

3 **CryptoKittyDex (React, Drizzle, web3.js)**   🐙

A simple information grabber UI for CryptoKitties built on Ethereum

- Implemented web3.js and drizzle library to call on methods in the CryptoKitty smart contract
- UI allows querying of a CryptoKitty with it's unique ID to pull all the kitty's relevant info

4 **DOMinate (Javascript)**   Live • 🐙

A lightweight DOM manipulation library

- Built a simple tic-tac-toe game employing only DOMinate library
- Used native DOM to interact with DOM elements, make AJAX requests, and handle events

Skills

Javascript • Ruby / Rails • React.js • Redux • SQL / PostgreSQL • jQuery • Heroku • Git • RSpec • CSS3 • HTML5

Experience

Daisy Garden Center and Sculpture

Manager

September 2008 - December 2017

Served as manager of specialty landscaping, fountain, and sculpture business. Coordinated as liaison between on-site installation team and overseas artisans.

BlackRock, Client Data Interfaces Group

Analyst

June 2007 - August 2007

Designed data loader GUI for BlackRock's Aladdin, to enhance accessibility for third party clients and eliminate back-end data mapping errors.

Education

App Academy

March 2018 - June 2018

1000+ hour web development course with <3% acceptance rate; Studied object-oriented design in Ruby and modern web development with Javascript, Rails, SQL, TDD, algorithms, and design patterns

Carnegie Mellon University

August 2004 - May 2008

B.S. in Finance • Graduated with University Honors
GPA: 3.7/4.0 • Dean's List: Spring 2005 - Spring 2007