Joey Wu

Fullstack Engineer • 👤 in 🐙 👾 • wjoeyu@gmail.com

I am a software engineer passionate about solving problems with intuitive front-end experiences
leveraged with scalable back-end frameworks.

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

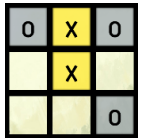**2** **Derezzball (Javascript, HTML, three.js)** Live • 🐙

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
- Incorporated Javascript event listeners for use of mouse click and movements to control game
- Crafted game aesthetics using CSS3 animation keyframes and DOM manipulation

3 **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 - June 2018

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 objected oriented design in Ruby and modern
web development with Rails, SQL, JS, TDD, algorithms, and
design patterns

Carnegie Mellon University

August 2004 - May 2008

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