Joey Wu

Frontend Engineer • 😉 🛅 🜎 🐰 • wjoeyu@gmail.com • (732) 322-0461

Work Experience

Datacubed Health

Frontend Engineer II, January 2019 - Present

- Lead frontend development on four web-based platforms built on React
- Work with CTO and other team leads in scoping and direct planning of Agile sprints
- Head UI/UX implementation, delegation and execution of tasks within frontend team
- Gauge and improve team performance and product expansion by refining documentation (Confluence), prudent ticket management (Jira), and rigorous code review and testing (Jest)



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



Analyst, June 2007 - August 2007

- Designed data loader graphic user interface for BlackRock's Aladdin to enhance accessibility for third party clients and eliminate back-end data mapping errors
- Gather business requirements from 3rd-party and internal users of trade analytics platform

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Education

App Academy

March 2018 - June 2018

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

Carnegie Mellon University

August 2004 - May 2008

B.S. in Finance • Graduated with University Honors GPA: 3.7/4.0





Skills JavaScript • Ruby / Rails • React • Redux • SQL / PostgreSQL • jQuery • Git • Jest • SASS • CSS3 • HTML5

Projects

Google Maps API Geofence creation (React, Redux)

Geofence creation feature utilizing Google Maps and Google Autocomplete API

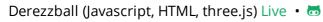
- Implemented a Geofence creation feature as part of an admin portal that sets coordinates and geofence radius distance on multiple interaction types within the map component
- Utilized by mobile apps to trigger health alerts and create cases



Health Chatbot and Case Management feature (React, React-Native)

Feature that tracks health cases at every step of the care life cycle

- Created a chatbot built with React-Native that is run within mobile apps
- Chatbot initiates on geofence triggers and based on a user's responses, site and symptomreporting information is saved to the system to create cases within the admin portal
- Cases are managed by admin users to track the progress of a user's symptom advancement



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



