

Joey Wu

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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)



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 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



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

1

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



2

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 symptom-reporting 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



3

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

