

CHRIS KIM

Software Developer

CONTACT

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SKILLS

Ruby / Rails

React.js / React Native

Redux

jQuery

JavaScript

D3.js

Firebase

HTML / CSS

Git

EDUCATION

Full-Stack Web Development

Algorithms, ADT, DS, OOP

App Academy

2017

Bachelor of Arts

Molecular and Cell Biology

University of California, Berkeley

2011 - 2013

PROJECTS

Wanderlust

[Demo](#) | [GitHub](#)

React Native, Redux, Firebase, Google Maps/Places API

Wanderlust is an iOS React native app that makes it easier to plan trips with friends and family. Users are able to create trips, send messages in different chatrooms, and place markers on maps shared with others.

- Set goals, delegated tasks, and motivated teammates.
- Integrated OAuth that enables users to log in using their facebook credentials.
- Leveraged Firebase as the backend which allows chat messages and map markers to be rendered in real time.
- Enabled users to search for tourist locations by incorporating Google Places API.

SKYbNB

[Live](#) | [GitHub](#)

React.js , Redux, Rails, HTML, CSS, PostgreSQL, Google Maps API

SKYbNB is a full-stack web application inspired by Airbnb. Users are able to create, edit, and search for lodgings in addition to making reservations based on availability.

- Utilized the Google Maps API to render the map, place markers, and geocode addresses into longitude, latitude, and neighborhoods.
- Implemented database and model level validations to prevent users from making reservations that conflict with other reservations.
- Created lodging show pages where users can leave reviews that dynamically generate average ratings.
- Employed Cloudinary to host lodging images uploaded by users when they create or edit lodgings.

World Health Map (AIDS/Malaria)

[Live](#) | [GitHub](#)

D3.js, JavaScript, CSS

The World Health Map is a choropleth that provides statistics on AIDS and malaria around the world at different years.

- Rendered a global map that uses a GeoJSON file to create a parent svg element and children g elements.
- Bound csv data of various statistics at different years to countries wherever applicable.
- Allowed users to toggle between diseases, statistics, and years which dynamically updates the choropleth with different colors and shades.