



HYUN CHUL KIM

SOFTWARE DEVELOPER

in [LinkedIn](#)
[Github](#)
[Portfolio](#)

iSport (Rails, React/Redux, PostgreSQL) | sole developer

[project link](#) | [Github](#)

Full-Stack Web Application inspired by Feedly

- Utilized AJAX requests to an external api to receive up-to-date feeds on every navigation within React Router
- Generated a modal for each article to allow users to easily navigate between articles
- Integrated Single Responsibilities Principal by binding front-end views with React to provide rich, seamless user experience



Trip Planner (Javascript/HTML5) | sole developer

[project link](#) | [Github](#)

Traveling Salesperson Problem Visualization

- Implemented Genetic Algorithm to produce the most optimal route for TSP
- Utilized Google Map Polyline API to render each step of the algorithm
- Incorporated Google Map API with Google Marker API to allow users to select up to 10 destinations

Fantasy Investing (Django, React/Redux) | co-developer

[project link](#) | [Github](#)

Stock Trading Simulating Web Application

- Integrated up-to-date stock data using external api to simulate real life stock trading experience for users
- Utilized d3.js to display users' portfolio's performance and interested companies stock price over time



Ruby on Rails
React
Django

Javascript
Redux

HTML/CSS
jQuery

SQL
RStudio



APP ACADEMY

2017

1000-hour full-stack programming course with < 3% acceptance rate

UNIVERSITY OF CALIFORNIA, LOS ANGELES

2011 - 2016

B.S. in Statistics



DATA ANALYTICS INTERN

2014

Tastemates, San Francisco, CA

- Built a statistical model to predict the revenue and cost for upcoming 2 years
- Designed a new algorithm to accurately display the data and enhance users' experience
- Refined SQL queries to significantly accelerate the application loading time



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