



# HYUN CHUL KIM

## SOFTWARE DEVELOPER

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

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

[project link](#) |

*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](#) |

*Traveling Salesperson Problem Visualization*

- Implemented Genetic Algorithm to produce the 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](#) |

*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



Django  
React  
SQL

HTML/CSS  
Redux

Javascript  
RStudio

jQuery  
Ruby on Rails



### APP ACADEMY

2017

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

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

2011 - 2016

*B.S. in Statistics*



### TASTEMASTES, SAN FRANCISCO, CA

2014

*DATA ANALYTICS INTERN*

- 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's loading time



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