

BOYOON CHANG

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I'm a full stack software developer. I'm also capable of data analysis as I have two year working experience as a research associate, in which I was primarily in charge of formulating economic framework and conducting quantitative analysis. I have high motivation to build new applications and by using the data analysis skills, make them better.

Skills

OS: MacOS, Windows

Programming Languages: R, Julia, Javascript, Python, CSS, HTML, Node.js, React.js, Django, Python

Version Control: Git

Languages: English (fluent), Korean (native)

Projects

readuck

Aug. 2021

A web application for scholars and researchers to share their thoughts about articles

<https://readuck.herokuapp.com>

- Implemented four full-functioning CRUD models to allow users leave reviews as well as replies to each of the review for articles
- Used Django framework for the front-end and back-end of the web application, Python as a programming language, PostgreSQL and Amazon AWS S3 bucket to store and retrieve data and files
- Used Django, PostgreSQL, Amazon AWS S3 bucket, comfortable with utilizing data structure to implement key functionalities

Boardom

Jul. 2021

A MERN stack web application for users to choose activities to do in their spare time

<https://boardom.herokuapp.com/>

- Allows users to choose activities offered by a random-activity-generator and also allow users to form a group, join and leave a group and add/edit/remove activities to do as a group
- Used React.js for the front-end, Node.js for the back-end, MongoDB for storing and retrieving data
- Used React.js, Node.js, MongoDB, JWT authentication, comfortable with implementing third-party API, and using Promise to populate relevant information in models

movie-goose

Jul. 2021

A MEN stack web application for users leave reviews for movies

<https://movie-goose.herokuapp.com/>

- Allows users to add their favorite movies to their collections, view other users' collections, leave reviews and ratings for the movies
- Used express, Node.js for the back-end, express for the front-end, MongoDB for storing and retrieving data, and OMDB API for retrieving movie information
- Used ejs, Node.js, MongoDB, Google OAuth for authentication, comfortable with implementing third-party API

Memory Game

June. 2021

A memory-game for two users to compete and match three cards in a row

<https://memory-game-chang.surge.sh/>

- Two users alternate turns to match three cards in a row to score a point, allow them to restart/reshuffle the cards
- Used plain Javascript, HTML, CSS to deploy the game

Experience

Capital Economic Consulting Group, Lee&Ko Law Firm

Jun. 2017 – Jul.2019

Research Associate

Seoul, Korea

- Formulated analytic frameworks and quantitative arguments in support of our clients, resulting in our client's argument being more persuasive and credible to a judge to rule in favor of our client.
- Cleaned firm-level raw data appropriate for analysis; examined data by providing descriptive statistics and relevant plots; applied multiple econometric/statistical methodologies to evaluate if the arguments are statistically significant; performed robustness test to verify consistency of the estimation results
- Delivered assessment results to senior economists and incorporated their feedback; integrated the client's knowledge into the economic analysis
- Drafted economic analysis reports, and produced an English version of economic expert reports submitted in legal proceedings

Education

University of Oregon

Ph.D. Student in Economics

Sep. 2019 – Present

Eugene, Oregon

General Assembly

Software Engineering Immersive

Jun.2021 – Sep.2021

Remote Learning

Korea University

M.S. in Economics | B.S. in Management

Mar. 2015 – Aug.2017 | Mar. 2008 – Aug.2014

Seoul, Korea