

BOYOON CHANG

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I'm currently looking for software engineering internship. I'm capable of building a full-stack web applications. I've successfully built and deployed four web applications during 12 weeks of software engineering immersive program provided by General Assembly. Additionally, I'm 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.

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
- Capable of using 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/>

- Allow 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
- Capable of using 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 MERN stack web application for users leave reviews for movies

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

- Allow 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
- Capable of using 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
- Comfortable in using Javascript, HTML, CSS

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 English version of economic expert reports submitted in legal proceedings

Education

University of Oregon

Sep. 2019 – Present

Ph.D. Student in Economics (GPA: 3.88/4.00)

Eugene, Oregon

General Assembly

Jun.2021 – Sep.2021

Software Engineering Immersive

Remote Learning

Korea University

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

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

Seoul, Korea

Technical Skills, Language Skills, and Interests

OS: MacOS, Windows

Programming Languages (in an order of experience): R, Julia, Javascript, Python, CSS, HTML

Version Control: Git

Writing: \LaTeX , Office

Languages: English (fluent), Korean (native)

Interests: Swimming