BOYOON CHANG

650-799-3314 | bchang@uoregon.edu
bchang.me | linkedin.com/in/boyoon-chang | github.com/boyoon-c

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

readduck   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 MEN 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, mongoDBO 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