Kwan Baek

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LINKS

LinkedIn: https://www.linkedin.com/in/kwan-baek-b35962207/
GitHub: https://github.com/kwan100
Personal Website: https://kwan100.github.io/Portfolio/

EDUCATION

University of Southern California, Los Angeles, CA, Fall 2018 – Present, GPA: 3.434
Bachelor of Computer Science, Expected Graduation Fall 2022

RELEVANT COURSEWORK

- Discrete Methods in Computer Science
- Data Structures and Object-Oriented Design
- Introduction to Computer Systems
- Full-Stack Web Development
- Introduction to Algorithms and Theory of Computing
- Software Engineering
- Introduction to Artificial Intelligence
- Principles of Software Development
- Professional C++

RELEVANT SKILLS

- C++
- Java
- Python
- HTML
- CSS
- SQL
- JavaScript
- Flutter
- Android

EXPERIENCE

Intern at Boise State University, Fall 2020
- Studied under the guidance of Dr. Gaby Dagher, Assistant Professor of Cyber Security at Boise State University.
- Performed, graphed, and analyzed data visualization of various algorithms in relation to runtime and performance.

PERSONAL PROJECTS

All About Kanye West
- Created a fan website using HTML/CSS/JavaScript and implementing SQL databases to allow fans to select their favorite Kanye West songs and upload to the database for others to see.

CineSearch
- Created a website that uses Ajax and JavaScript to pull data from a database of movies, and has the capability of searching for any movie from within the database. The title, release date, and synopsis are pulled from the database and integrated for the user.

SOFTWARE ENGINEERING EXPERIENCE

Trojan Trade
- Created a Craigslist-like website for USC students by collaborating with four other students in a software engineering process.
- Implemented a chat system for buyers and sellers to communicate, log-in system for users to save their personal information, and UI for students to be able to upload pictures of their items to sell and also be able to find items to purchase from other students.
- Gained experience to work in a software engineering setting and set deadlines and be able to communicate with teammates and a mock customer to achieve a common goal.

USC RecSports
- Contributed to the development of USC RecSports, an app that was intended to help with scheduling appointments at the rec centers at USC during COVID, when limited numbers of students were allowed at a time at the campus rec centers.
- Learned to use Android Studio and design an ergonomic app which students could use to easily select their preferred appointment times at a specific rec center, and be placed in a waitlist if the appointment time is currently full.
- Learned to communicate with the mock customer to lay out a detailed list of requirements, structure the architectural and detailed design of the app, and work with two other students in a test-driven development process to best fulfill the desire of the customer.

LEADERSHIP SKILLS

The National Society of Leadership and Success, *Member*, Fall 2020 – Spring 2021
- Trained in leadership and success skills through receiving coaching, coaching others, and holding others accountable for short-term and long-term commitments in peer-based leadership development teams.