Dean Yim

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EDUCATION

University of California Irvine   Irvine, CA (Sep 2019 ~ March 2023)

-Bachelor of Science degree in Computer Science

-Expected graduation: March, 2023

-GPA: 3.62

-Relevant Coursework: Data Structure & Algorithm in C++, Discrete Math, Java Programming, Computer Organization, Principles in System Design, Data management

ACTIVITIES

ICSSC (Information Computer Science Social Club)   Irvine (September 2021 – present)

- Organized a study group for preparing a technical interview and solved coding problems together.

ICS lab Tutor   Irvine (September 2022 – present)

-Attended weekly meetings and submitted the weekly report.

-Taught and helped students with TAs Java programming when they had questions.

LLUS (LIKE LION US)   Irvine (September 2022 – present)

PROJECTS

-Search Engine | backend developer

- Developed a search engine within UCI school domains using Python.

- Retrieved about 56,000 HTML/JSON files, extracted their contents using beautifulsoup, and computed the token frequency based on each word in the files.

- Built an inverted index by computing the tf-idf score and ensured the run performance under 300ms.

-**E-commerce web/mobile applications |** full stack developer

- Developed a full-stack web application that provides users with movie services.

- Implemented RESTful API with Spring and Postman to store and retrieve data for user, movie, and billing information in MySql.

- Created frontend components with React to allow users to register accounts, log in, search movies with filters, view all the details of a single movie, add movies to their carts, check order history, and purchase movies.

- Developed an android mobile E-commerce app using React Native.

-**Portfolio |** frontend developer

- Created a responsive website that shows my portfolio using CSS and HTML.

SKILLS

Technical Skills: Java, C/C++, Python, MySQL, JavaScript, CSS, HTML, React, and React Native

Tools and Technologies: VMware, Postman, Spring, GitHub, Linux, and Windows OS

Languages: Korean and English