Minwoo Kwak

Software Developer

✉ minwk79@gmail.com

🖥 portfolio

GitHub

EDUCATION

B.S in Computer Science
University of California, Irvine
Graduation expected (June 2022)
Specialized in Information

GPA 3.83
Dean's Honors List 2019 - 2022

Relevant Courses:
U/I Software Projects,
Software Quality Assurance,
Relational Database & SQL,
Data Structure & Algorithms

SKILLS

Javascript

React, Next js

HTML, CSS

Python

C, C++

Firebase

Git

Excel

CAREER OBJECTIVE

Seeking for a Software Developer/Intern position. Interested in designing and programming responsive software using modern frameworks. Ready to work in a team-centered environment. Motivated to learn new skills through target mentorship and sophisticated projects.

PROJECTS

Responsive Portfolio Website
Javascript, React, Tailwind

- Built a fully responsive portfolio using UI framework React and Tailwind.
- Improved user experience via Dark Mode support and form submission.

Spotify Web Player
Javascript, Angular, HTML/CSS

- Created a web browser player for Spotify using Spotify API & OAuth.
- Clarified user's needs by reorganizing the web browser into smaller UI components/pages.
- Embedded actual music player to play user requested tracks via Spotify Web Playback SDK.

Search Engine
Python, Flask

- Built a fully functional search engine from scratch using python.
- Administered fast full-text search by using inverted index.
- Query response time under 300ms, searching from thousands of websites.

Concurrent Auction
C, Linux

- Developed a real-time auction application that supports concurrent bids.
- Enabled Users with the ability to post or bid on an auction.
- Integrated Client-server model with mutex lock to manage multiple synchronous reads of data.
- The application supports user authentication and error prevention.