Euichan Lee

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Education

42 Seoul	**Seoul, Korea**

300+ times of mutual code reviewing.   July. 2022 - July 2024

Experience in various toy projects

- Experience in multithread, multiprocess coding
- UNIX shell implementation
- Docker environment setup using docker-compose
- A web server using I/O multiplexing in C++
- SPA Pong Game using Vanilla Javascript

Korea National Open University	**Seoul, Korea**

B.A. degree expected in Computer Science in 2028   Sept. 2023 - Present

Courses taken: Data structure, C programming, Python Programming, Discrete mathematics, Linear Algebra, Calculus

Projects

**Webserv	Architecture Design, HTTP Parsing**	**C++**

Deep dive into web server mechanics, leveraging C++ with OOP and I/O multiplexing.   July. 2023 - Nov 2023

Design the configuration parses in a tree shape like Nginx.

Developed efficient parsing strategies for both configuration files and HTTP requests.

**ft_transcendence	Frontend, Design, Project Lead**	**Vanilla Javascript, Tailwindcss, Figma**

Optimized development by implementing all design elements and component-based structure.   Dec. 2023 - Apr 2024

Developed a Single Page Application (SPA) using app router with only Vanilla JavaScript.

Implemented reusable components through code modularization and managed global state (e.g., dark mode, theme profile) using Pub/Sub pattern.

**bookmoeum	Toy project**	**Nextjs, Typescript, Tailwindcss, Figma**

Implemented and applied a design system   Aug 2024

Developed and deployed a book aggregation service using multiple Open APIs

Implemented login functionality using Firebase.

Skills

Language | Framework | Library

C, C++, Javascript, Typescript, React, HTML, CSS, Tailwindcss, Next.js

Tools

Git/Github, Docker, Figma, Vs Code

Etc.

OPIc AL   (2024.6.7)

Craftsman Information Processing   (2024.7.3)