

HYUNHO LEE

+1 647-468-4144 / jeny95kr@gmail.com
github.com/kevin19980113

EXPERIENCE

Osstem Implant

Jan 2022 – Mar 2022

Software Developer (Internship)

Seoul, South Korea

- Developed a 3D modification tool using C++, incorporating 3D rendering techniques to visualization of dental CT scans.
- Integrated 3D modifications with CT image parameters, allowing real-time adjustments to viewpoint, opacity and other visual elements.
- Implemented user interface for the 3D controller and CT image screen using Qt, improving user experience and workflow efficiency.

Hankuk University of Foreign Studies

Mar 2018 – Dec 2018 / Mar 2022 – Jun 2022

C Programming Language Teaching Assistant

Seoul, South Korea

- Conducted weekly lab sessions for groups of 25-30 students, demonstrating practical applications of C programming concepts.
- Graded and provided detailed feedback on student assignments, ensuring thorough understanding of course material.
- offered personalized one-on-one assistance to students struggling with complex problem to solve.

PROJECTS

Audiophile E-commerce Web - TypeScript | React | Next.js | Tailwind

- Developed Audio Items e-commerce web page using next.js and React, implementing SSR and SSG.
- Utilized react-hook-form and Zod schema for efficient form handling and validation, managed state using Zustand avoiding unnecessary rerendering components.
- Integrated Kind for Authentication, resend for sending receipt email.
- Implemented middleware to block for unidentified user to access checkout page.

Task Management Web App - TypeScript | React | Tailwind | Framer-Motion

- Developed a modern task management web app features to organize a task board by dragging and dropping task cards.
- Implemented advanced state management using Zustand, ensuring efficient and scalable application-wide state handling.
- Utilized reusable Dialog component with react-hook-form, Zod for efficient form handling and validation. additionally, framer-motion for layout animation.
- Incorporated a dynamic theming system with light/dark mode toggle.

Happy Hippo Marketplace Web - Typescript | React | Next.js | Tailwind

- Developed a modern e-commerce website features a responsive and interactive user interface with secure payment processing.
- Utilized Server actions to check user auth on both client side and server side and whether user's payment was successful or not for secure payment.
- Integrated Stripe for payment processing and Kinde for authentication.

EDUCATION

Hankuk University of Foreign Studies

Mar 2017 – Dec 2023

Bachelor's degree in Bio Medical Engineering

Seoul, South Korea

Minor in Computer and electronics Systems Engineering

SKILLS

Languages: C, Python, HTML, CSS, JavaScript, TypeScript

Frameworks and Packages: Next.js, ReactJS, Tailwind, Framer-Motion, Zustand

CERTIFICATIONS

- React – The Complete Guide 2024 | Udemy
- JavaScript Algorithms and Data Structures | FreeCodeCamp
- Responsive Web Design | FreeCodeCamp