




# YUMIN JUNG

Frontend Engineer (UX)

 yumin.vercel.app

 jungym887@kaist.ac.kr

 +82.10.4096.1539

 github.com/yumin-jung

 Daejeon, Korea

 Yumin Jung | LinkedIn

## SUMMARY

I am an engineer who places high value on UX/UI. My areas of interest include UX, WebGL, and Frontend development.

## SKILLS

**Languages:** JavaScript (ES6), TypeScript, HTML, CSS.

**Technologies:** React, Next.js, Git, Figma, Fusion360.

## PROJECTS

3/2023 – 6/2023 **Redesign Bill Experience**

CS374 Introduction to HCI

[GitHub link](#)

- Brainstorming to identify user needs and solve those needs.
- Producing Lo-Fi prototypes and conducting usability tests for UX improvement.
- I used Figma to create the prototype's login, sign-up, and main pages and improved them with a focus on better user flow. ([Figma link](#))
- Received the "Most Human-centered Award". ([link](#))

UX / UI / Data Visualization

5/2023 – 6/2023 **Development of Collaboration Tools for KAIST Students**

CS350 Introduction to Software Engineering

[GitHub link](#)

- Communicate with customers by referring to the SRS document and develop programs that meet customer needs.
- I set up the initial development environment, connected the frontend and backend, and developed the workspace and channel parts. ([PR #2](#), [PR #14](#), [PR #17](#))
- I led collaboration, focusing on work sharing and communication among team members.

Next.js / RESTful API

6/2022 – 6/2022 **My Portfolio Website**

Personal Portfolio Website Development Project

[GitHub link](#)

- I developed a website that uses Notion-API to load project data organized in Notion DB onto the web.
- I created a basic framework by referring to the Next.js lecture, then improved the design and added elements that users could interact with.

Next.js / TailwindCSS / Notion-API

5/2022 – 6/2022 **Web Development to Create and Share Personal Quizzes**

ID311 Software Prototyping - Team Project

[GitHub link](#)

- I connected the frontend, backend, and database at the beginning of the project. ([PR #2](#))
- I developed the sign-in and sign-up, scoreboard, and comment leaving pages on the front-end.

Next.js / Node.js / MongoDB

4/2022 – 5/2022 **Game Development Project**

ID311 Software Prototyping - Individual Project

[GitHub link](#)

- I developed Angry-Birds by applying design patterns with JavaScript.
- I used the physics engine framework Matter.js to make the user's interaction with the program smoother.

P5.js / Matter.js / Design Pattern

11/2021 – 12/2021 **Community Website Development**

CS492 Special Topics in Computer Science<Front End Development> (with NAVER)

[GitHub link](#)

- Development of communication collaboration tools that meet the requirements of the Naver FE platform.
- I developed a form for writing comments, designed the webpages related to comments, and also managed the comment-related data.

React / Storybook

2/2019 – 6/2021

3D Modeling and Rendering Project

ID219 Computer-Aided Design

[GitHub link](#)

- In the USB project, I used Fusion360 to model and render a USB in the shape of the RYAN character and 3D printed it to check the results.
- In the 3D model rendering project, I modeled Dolce Gusto's coffee machine and rendered it for the purposes of Technical Drawing, Studio Rendering, Advertisement, and Descriptive Panel.

Fusion360 / KeyShot

EDUCATION

2/2017 – 6/2024

School of Computing Bachelor's Degree

Daejeon, Republic of Korea

- Korea Advanced Institute of Science and Technology (KAIST)

2/2015 – 2/2017

Early Graduation

Incheon, Republic of Korea

- Incheon Jinsan Science High School

EXPERIENCE

1/2024 – Present

Individual Study

Next Interface Lab

- Explore the latest research trends through the revision and development process of HCI-related papers.

Sustainable-HCI

11/2023 – Present

NH-KAIST UX Research & Testing

Next Interface Lab

- Improved user experience and user interface in the GBI scenario of NH Investment & Securities application 'NAMUH' (Goal selection, Goal setting, and Achievement status pages).

UX Research

12/2022 – 2/2023

KAIST CUop Internship

Batoners

- I developed an initial version of a daily survey application for collecting and visualizing digital passive sensing data and analyzing depression levels in users with depressive symptoms.

iOS / Data Visualization / Human Interface Guideline

EXTRACURRICULAR ACTIVITIES

3/2023 – Present

K-RUSH

Club Activity

- KAIST Marathon Club.
- Regular training once a week. ([Strava link](#))
- 2023 JTBC Seoul Marathon Finisher (03:39:04)

8/2019 – 3/2021

Military Service

Republic of Korea Army

- Compulsory military training as per the regulations of the South Korean Government.

2/2018 – 3/2019

Samsung Electronics Nanum Volunteer Membership

Volunteer

- Regular volunteer once a month.
- Mask design project for wheelchair users with disabilities that can extend golden time in the event of a fire (resolving current issues in the community).

3/2017 – 8/2019

K-Bird

Club Activity

- KAIST Badminton Team.
- Regular training and social activities once a week.

LANGUAGES

Korean

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English

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Spanish

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