Kim, Hyeong-seok

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EDUCATION

Hongik University, **Korea**   **MAR 2018 - PRESENT**

Bachelor of Design Convergence & Computer Engineering

- Grade : Senior
- Overall GPA : 3.95/4.5, Major(Computer Engineering) : 4.00/4.5
- Scholarship :
  2023 Scholarship Recipient
  2023/2nd semester University Innovation Support Scholarship Recipient
  2019 Scholarship Recipient
  2018 Scholarship Recipient

TECHNICAL SKILLS

Technical skills

- **Programming languages** : JavaScript, TypeScript, Python, C#
- **IDEs** : Visual Studio Code, Visual Studio, Unity
- **Databases** : NoSQL(MongoDB), PostgreSQL

Certifications

- Unity Certified User certification(2018.10)

PROJECTS

Note Recognition Program(2019)   **JULY 2018 – FEB 2019**
Github: https://github.com/NeoSelf1/NoteRecognition
Javascript(OpenCV.js)

- developed a program that calculates and outputs pitch names in the inserted music sheet image using OpenCV
- First being developed using Python, then coverted to Javascript for inserting input image through web browser.

Planote(2023)   **JEN 2023 – MAY 2023**
Github: https://github.com/NeoSelf1/Planote
Javascript(OpenCV.js), NoSQL(PostgreSQL), React-native

- Developed a mobile app that allows to check the music sheet in which the pitch name is printed above using the developed Note recognition OpenCV program.

REALITAS(2023)   **JULY 2023 – DEC 2023**

Demonstration Video: https://www.youtube.com/watch?v=pAoHnSKRhY0 -
Unity, C#
- Created a Unity app that assists in playing the piano using Microsoft Hololens2's eye-tracking feature to explore the availability of Vision OS's upcoming eye-tracking feature.

Fitnee(2023)   **JULY 2023 – SEPT 2023**

Github: https://github.com/FITNEE/FITNEE_Client
React-native, Node.js, Expo, Styled-component(CSS)
- Led the development of a mobile application as PM.
- It provides personalized exercise routines using ChatGPT api 3.5 turbo.
- Won the University Make Us Demo Day Grand Prize, the NE(O)RDINARY Demo Day Grand Prize.
- Completed its launch both on App store and Play store.

Pawith(2023)   **SEPT 2023 – PRESENT**

Github: https://github.com/TEAM-SAMSION/Frontend
React-native, React-Native-cli, Styled-component(CSS)
- Led the development of a mobile application.
- It is a TODO mobile app for co-management of pets
- Won the KUSITMS 28th Meet Up Day Excellence Award
- Completed its launch on App.

EXPERIENCE

Internship Experience : **Smartooth, Korea Co.**   **AUG 2019 – FEB 2020**
Frontend-Developer Intern
- Developed React.js based Homepage
- Encouraged the ability to communicate with a designer

LANGUAGES

- Korean – Native
- English – Able to communicate with native speaker