Kim Wongyeom

📱 +82 10-4616-0680 | ✉ dnjsrua59@gmail.com | 🖵 https://github.com/EoNjesajo

Education

Hanbat National University   *Daejeon, South Korea*
Undergraduate Student in Department of Computer Engineering   *Mar. 2019 - Current*
GPA 4.1/4.5, Major : 4.18/4.5

Interests

3D Game Engine, Computer Graphics, AI

Patents

1. Haneol Jang, Wongyeom Kim, Hyunguk Choi, 객체 탐지를 위한 분할 및 통합 방식의   *Jun. 2021 - Apr. 2022*
데이터 증강 장치 및 방법
10-2022-0049656(application number), South Korea

Project Experience

Web-based 3D graphics engine - PoD Engine   *Sep. 2022 - Current*
- Piece of Data (University Student Development Team)
- Development of engine that creates web 3D graphic space using threejs.

Cloud Semantic Segmentation in Satellite Imagery   *May. 2022 - Jun. 2022*
- Computer Vision Major Course Term Project
- Semantic segmentation of thick cloud, thin cloud, and cloud shadows included in satellite imagery.

SI ANALYTICS Intern   *Jan. 2022 - Feb. 2022*
- AI Team intern

Customized Smart Home Service Using virtual room   *Jan. 2022 - Dec.2022*
- Capstone Design (Team Leader)
- Development of 3D graphics-based virtual room that can control arduino devices.

Development of Semantic Segmentation in Satellite Imagery   *Nov. 2021 - Dec. 2021*
- AI Major Course Team Project
- Semantic segmentation of building and road included in satellite imagery.

South Korea COVID-19 information application - KorDemic   *Jul. 2021 - Aug. 2021*
- Piece of Data (University Student Development Team)
- provide you with an easy-to-understand overview of the current status of COVID-19, publicly visited
places of confirmed patients, etc.

Pokemon Doll Detection Application - PokeDex   *May. 2021 - Jun. 2021*
- Mobile Computing and Applications Major Course Term Project
- Object detection of various pokemon doll included in photo.(compare histogram, without AI)

Award and Honer

HNU President's Award   *Nov. 2012*
2022 소외된 이웃과 함께하는 창의설계 경진대회   *Sharing and Technologies, Inc.*

Silver Award   *Oct. 2022*
2022 창의적 종합설계 경진대회   *HNU*

Teaching Experience

Artificial Intelligence Class   *Sep.2022 - Dec.2022*
Teaching Assistant (Prof. H.E.Jang)

Skills

Programming Languages :   C++, Python, GLSL, java.
Tool and Frameworks :   VI/VIM, Vscode, Xcode, Git, Notion.