

Yukyeom Kim

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EDUCATION

- **Ajou University**

Department of Software and Computer Engineering

Mar '20 - Current

GPA : 3.92/4.5 (Major GPA : 3.96/4.5)

EXPERIENCE

- **AJOU Computer Graphics Lab. (Prof. Ri Yu)**

Undergraduate Internship

Dec '22 - Dec '24

Suwon, Korea

- Interested in creating "Digital Humans" in the virtual world. Research humans for understanding, modeling, simulating, and analyzing humans.

- **NeuroSense**

Internship

Jan '25 - Feb '25

Gwangmyeong, Korea

- Collaborated with a defense company to develop a UI for controlling missile sensor and managed the data transmission process between the sensor, UI, and server, while visualizing data from temperature, humidity, and other sensors.

PUBLICATION

- **Exercise Categorization and Analysis from Monocular Video**

Yukyeom Kim, Ri Yu

Korea Computer Graphics Society Academic Conference 2023 (KCGS '23), Jeju, South Korea, July 11-14, 2023

- **The novel Gait Cycle Detection Network (GCDN) for Video based gait Analysis based on single 2D RGB video**

DaeYong Kim, YeonSoo Lee, Yukyeom Kim, JungHwan Shin, Clint Hansen, Walter Maetzler, Ri Yu

2024 International Congress of Parkinson's Disease and Movement Disorders (MDS '24),

Philadelphia, PA, USA, Sep 27-Oct 1, 2024

RESEARCH INTERESTS

- **Computer System Software**

- **Algorithm** - Computer Graphics, Graph Theory, Number Theory

ACTIVITIES AND PROJECTS

- **Ajou Programming Contest (APC) - 2024**

Director, Problem setter

Mar - May '24

- Annual ICPC-style programming contest held in Ajou Univ.
– Managing Overall Schedule / Contest / PaperWorks
– Making & Testing Problems

- **Ajou Programming Contest (APC) Extra - 2024**

Director, Problem setter

Nov - Dec '24

- ICPC-style extra programming contest held in Ajou Univ.
– Directing Overall Schedule / Contest / PaperWorks
– Making & Testing Problems

- **Analyze 'N Solve It (ANSI)**

Member, President in 2024

July '21 - Current

- Algorithmic problem solving club in Ajou University
– Ran algorithmic problem solving study group – {Beginner, Intermediate, Advanced} Algorithm study group
– Directed several programming contests

FURTHER SKILLS AND QUALIFICATIONS

- **Software Skills :** C/C++, Python, L^AT_EX
- **Language :** Korean(Native), English(Conversational, OPIc IM1), Japanese (Proficient, JLPT N1)

ACHIEVEMENTS AND HONORS

* ICPC : International Collegiate Programming Contest

- **34th Place**, ICPC Asia Seoul Regional *Nov '23*
- **7th Place**, Ajou Programming Contest(APC) *May '23*
- **Honorable Mention**, Study Group Contest in Ajou University (Mo-Gak-So) *Jan '23*
- **8th Place among 134 Clubs**, Ajou Club Contest, as a President of A.N.S.I *May '24*
- **3rd Place**, ICPC Asia Seoul Regional First Round in Ajou *Oct '24*
- **Academic Scholarship (Dasan Scholarship)**, Ajou University *Jul '20*
- **Academic Scholarship (Dasan Scholarship)**, Ajou University *Dec '22*
- **Academic Scholarship (Dasan Scholarship)**, Ajou University *Jul '23*
- **Academic Scholarship (Dasan Scholarship)**, Ajou University *Dec '23*
- **Academic Scholarship (Dasan Scholarship)**, Ajou University *Jul '24*