

Yukyeom Kim

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EDUCATION

- **Ajou University** Mar '20 - Current
Department of Software and Computer Engineering GPA : 3.92/4.5 (Major GPA : 3.96/4.5)

EXPERIENCE

- **AJOU Computer Graphics Lab. (Prof. Ri Yu)** Dec '22 - Dec '24
Undergraduate Internship Suwon, Korea
 - Interested in creating "Digital Humans" in the virtual world. Research humans for understanding, modeling, simulating, and analyzing humans.
- **NeuroSense** Jan '25 - Feb '25
Internship 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.
- **SoftWare Maestro** April '25 - Current
Trainee Seoul, Korea
 - Launched a Japanese language learning service featuring conversational practice with anime-inspired characters, covering the entire process from item selection and planning to A/B testing, GA analysis, and user interviews for validation.

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

- **AI, Computer System Software**
- **Algorithm**, Computer Graphics, Graph Theory, Number Theory

ACTIVITIES AND PROJECTS

- **Ajou Programming Contest (APC) - 2024** Mar - May '24
Director, Problem setter
 - Annual ICPC-style programming contest held in Ajou Univ.
 - Managing Overall Schedule / Contest / PaperWorks
 - Making & Testing Problems
- **Ajou Programming Contest (APC) Extra - 2024** Nov - Dec '24
Director, Problem setter
 - ICPC-style extra programming contest held in Ajou Univ.
 - Directing Overall Schedule / Contest / PaperWorks

– Making & Testing Problems

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

July '21 - Current

Member, President in 2024

- 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 IM3), 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*