TAEWON YOO

xodnjs0208@khu.ac.kr ⋄ twy00.github.io

EDUCATION

Kyung Hee University   **Yongin, Korea**
Bachelor of Software Convergence, Data Science Track   *Mar. 2017 - Expected Feb. 2023*

WORK EXPERIENCE

Intern, KIST Europe Forschungsgesellschaft mbH   **Saarbrücken, Germany**
Smart Convergence Group   *Aug. 2019 - Jan. 2020*
- Developed and evaluated an adversarial generative models to enhance classification accuracy in data imbalance situation

PUBLICATIONS

INTERNATIONAL CONFERENCE PAPERS (ABSTRACT)

[ia.1] **T. Yoo**, H. Jung. "Category Classification of Educational Videos on YouTube through Machine Learning Approaches using Video Titles". *In Proceedings of the 2019 US-Korea Conference on Science, Technology and Entrepreneurship (UKC)*, Chicago, IL, USA, August 2019.

DOMESTIC CONFERENCE PAPERS

[d.2] **T. Yoo**, H. Jung. "Category Classification of Educational Videos on YouTube through Machine Learning Approaches". *In Proceedings of Korea Computer Congress (KCC) 2019,* Jeju, Korea, June 2019.

[d.1] **T. Yoo**, H. Jung. "Needs Analysis Based on Vlogging Career". *In Proceedings of the HCI Korea 2019 Conference*, Jeju, Korea, February 2019.

EXTRA CURRICULAR

Teaching Assistant, Kyung Hee University
SWCON104 Web and Python Programming   *Spring 2019, 2020*
- Assisted on answering Python programming questions in and out of the class

Course Assistant, Kyung Hee University
GEE1952 Major Exploring Program   *Fall 2018*
- Marked attendance and assignments, and managed schedule with invited speaker

GEE1920 Kyung Hee Freshmen Seminar   *Spring 2018, 2019*
- Mentored 22 freshmen students, marked attendance and graded assignments

Vice President, Student Government Association
Department of Software Convergence, Kyung Hee University   *2018*
- Collaborated with college government association, and organized various campus events with 20 SGA members

Software Education Volunteer
Software Education Volunteering Program, Code Club Korea   *Sep. 2017 - Nov. 2017*
Software Education Volunteering Program, Kyung Hee University   *Mar. 2019 - Present*
- Led 'Python programming with Raspberry Pi' and 'Basic scratch programming" class for elementary students and parents.

HONORS AND AWARDS

The National Scholarship for Science and Engineering
Full tuition fee for 4 semesters, Korea Student Aid Foundation   *2019 - 2020*
National Scholarship for Excellence in Software
10,000,000 KRW, National Program of Excellence in Software   *Spring 2019*
Kyung Hee Humanitas Scholarship
2,100,000 KRW, Humanitas College of Kyung Hee University   *Spring 2018, Fall 2019*
Scholarship for Software Education
1,000,000 KRW, National Program of Excellence in Software   *Spring 2019*
Bright Society Scholarship
4,000,000 KRW, Department of Electronics and Information   *Spring 2018, Fall 2018*

TECHNICAL SKILLS

Programming Languages	Python3 and C++
Software & Tools	Docker, Kubernetes, LaTeX, Google Docs, and MS Office Program
Operating System	Linux, macOS, and Microsoft Windows