

# TAEWON YOO

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

## EDUCATION

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**Kyung Hee University**

*Bachelor of Software Convergence, Data Science Track*

**Yongin, Republic of Korea**

*Mar. 2017 - Expected Feb. 2023*

## WORK EXPERIENCE

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**Intern, KIST Europe Forschungsgesellschaft mbH**

*Smart Convergence Group*

**Saarbrücken, Germany**

*Aug. 2019 - Jan. 2020*

- Developed and evaluated an adversarial generative models to enhance classification accuracy in data imbalance situation

## PUBLICATIONS

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### 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.

## EXTRACURRICULAR ACTIVITIES

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**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*

*Spring 2018, Fall 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

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**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

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**Programming Languages**

Python3 and C++

**Software & Tools**

Docker, Kubernetes, L<sup>A</sup>T<sub>E</sub>X, Google Docs, and MS Office Program

**Operating System**

Linux, macOS, and Microsoft Windows