Taewon Yoo

Email : twyoo@khu.ac.kr
Linkedin: https://www.linkedin.com/in/taewonyoo
Github: https://github.com/tw-yoo

EDUCATION

Kyung Hee University — **Yongin, Republic of Korea**
Bachelor of Software Convergence, Data Science — *Mar. 2017 - Present*

WORK EXPERIENCE

Software Engineer, Penta Security Systems Inc. — **Seoul, Republic of Korea**
Mobile Server Development Team (alternative military service) — *Aug. 2021 - Present*

Research Intern, University of Seoul — **Seoul, Republic of Korea**
Human-Centered Artificial Intelligence Lab (HCAIL) — *Jun. 2020 - Present*

Research Intern, KIST Europe Forschungsgesellschaft mbH — **Saarbrücken, Germany**
Smart Convergence Group — *Aug. 2019 - Jan. 2020*

PUBLICATIONS

INTERNATIONAL CONFERENCE PAPERS

[c.3] **T. Yoo**, M. Chun, Y. Bae, S. Kwon, H.Jung. "Exploring the Community of Model Publishers on TensorFlow Hub". *To Appear In Proceedings of the ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW)*, Virtual, Oct 2022.

[c.2] **T. Yoo**, H. Jeong, D. Lee, H. Jung. "LectYS: A System for Summarizing Lecture Videos on YouTube". *In Proceedings of the ACM Conference on Intelligent User Interfaces (IUI)*, Virtual, April 2021.

[c.1] **T. Yoo**, H. Jung. "Category Classification of Educational Videos on YouTube through Machine Learning Approaches using Video Titles". *In Proceedings of the 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

Student Volunteer
ACM Conference on Fairness, Accountability and Transparency (FAccT) — *Jul. 2022*
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW) — *Oct. 2021*
ACM Designing Conference on Computers and Accessibility (ASSETS) — *Oct. 2021*
ACM Conference on Recommender Systems (RecSys) — *Sep. 2021*
ACM Designing Interactive Systems (DIS) — *Jun. 2021*
ACM Conference on Intelligence User Interfaces (IUI) — *Apr. 2021*
IEEE Student Volunteer Program — *Aug. 2020 - Jan. 2021*

Teaching Assistant, Kyung Hee University
SWCON104 Web and Python Programming — *Spring 2019, 2020, 2021*

Course Assistant, Kyung Hee University
GEE1952 Major Exploring Program   *Fall 2018*

Student Mentor, Kyung Hee University
GEE1920 Kyung Hee Freshmen Seminar   *Spring 2018, 2019*

Vice President, Kyung Hee University
Student Government Association, Department of Software Convergence   *2018*

Software Education Volunteer
Software Education Volunteering Program, Code Club Korea   *Sep. 2017 - Nov. 2017*
Software Education Volunteering Program, Kyung Hee University   *Spring 2019*

HONORS AND AWARDS

The National Scholarship for Science and Engineering
Full tuition fee for 4 semesters, Korea Student Aid Foundation   *2019*
National Scholarship for Excellence in Software
12,000,000 KRW, National Program of Excellence in Software   *2019*
Kyung Hee Humanitas Scholarship
2,100,000 KRW, Kyung Hee University   *2018, 2019*
Bright Society Scholarship
4,000,000 KRW, Kyung Hee University   *2018*

TECHNICAL SKILLS

Programming Languages	Python, R, Java, Kotlin and C++
Software & Tools	Tensorflow, Docker, LaTeX, Google Docs, and MS Office Program
Operating System	Linux, macOS, and Microsoft Windows

PROFESSIONAL MEMBERSHIP

Student Member	Institute of Electrical and Electronics Engineers (IEEE)