

Taewon Yoo

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EDUCATION

Kyung Hee University

Bachelor of Software Convergence, Data Science

Yongin, Republic of Korea

Mar. 2017 - Present

WORK EXPERIENCE

Software Engineer, Penta Security Systems Inc.

Mobile Server Development Team

- Alternative military service

Seoul, Republic of Korea

Aug. 2021 - Present

Research Intern, University of Seoul

Human-Centered Artificial Intelligence Lab (HCAIL)

Seoul, Republic of Korea

Jun. 2020 - Present

Research Intern, KIST Europe Forschungsgesellschaft mbH

Smart Convergence Group

Saarbrücken, Germany

Aug. 2019 - Jan. 2020

PUBLICATIONS

INTERNATIONAL CONFERENCE PAPERS

- [c.3] **T. Yoo**, M. Chun, Y. Bae, S. Kwon. “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 <i>SWCON104 Web and Python Programming</i>	<i>Spring 2019, 2020, 2021</i>
Course Assistant, Kyung Hee University <i>GEE1952 Major Exploring Program</i>	<i>Fall 2018</i>
Student Mentor, Kyung Hee University <i>GEE1920 Kyung Hee Freshmen Seminar</i>	<i>Spring 2018, 2019</i>
Vice President, Kyung Hee University <i>Student Government Association, Department of Software Convergence</i>	<i>2018</i>
Software Education Volunteer <i>Software Education Volunteering Program, Code Club Korea</i>	<i>Sep. 2017 - Nov. 2017</i>
<i>Software Education Volunteering Program, Kyung Hee University</i>	<i>Spring 2019</i>

HONORS AND AWARDS

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

TECHNICAL SKILLS

Programming Languages	Python, R, Java, Kotlin and C++
Software & Tools	Tensorflow, Docker, L ^A T _E X, Google Docs, and MS Office Program
Operating System	Linux, macOS, and Microsoft Windows

PROFESSIONAL MEMBERSHIP

Student Member	Institute of Electrical and Electronics Engineers (IEEE)
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