

# 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*

**Seoul, Republic of Korea**

*Aug. 2021 - Present*

- Alternative military service

### 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, 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

<b>Teaching Assistant, Kyung Hee University</b> <i>SWCON104 Web and Python Programming</i>	<i>Spring 2019, 2020, 2021</i>
<b>Course Assistant, Kyung Hee University</b> <i>GEE1952 Major Exploring Program</i>	<i>Fall 2018</i>
<b>Student Mentor, Kyung Hee University</b> <i>GEE1920 Kyung Hee Freshmen Seminar</i>	<i>Spring 2018, 2019</i>
<b>Vice President, Kyung Hee University</b> <i>Student Government Association, Department of Software Convergence</i>	<i>2018</i>
<b>Software Education Volunteer</b> <i>Software Education Volunteering Program, Code Club Korea</i> <i>Software Education Volunteering Program, Kyung Hee University</i>	<i>Sep. 2017 - Nov. 2017</i> <i>Spring 2019</i>

## HONORS AND AWARDS

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

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python, R, Java, Kotlin and C++
<b>Software &amp; Tools</b>	Tensorflow, Docker, L <sup>A</sup> T <sub>E</sub> X, Google Docs, and MS Office Program
<b>Operating System</b>	Linux, macOS, and Microsoft Windows

## PROFESSIONAL MEMBERSHIP

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<b>Student Member</b>	Institute of Electrical and Electronics Engineers (IEEE)
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