

# Youngmok Jung

---

CONTACT	Ph.D. Student School of Electrical Engineering, KAIST Phone: (+82)10-9572-3060 Email: tom418@kaist.ac.kr URL: <a href="https://quito418.github.io/quito418/">https://quito418.github.io/quito418/</a>	Kim Byung Ho IT Building (N1) #817 KAIST, 291 Daehak-ro, Yuseong-gu, Daejeon 305-701, Republic of Korea
RESEARCH INTERESTS	Internet Video Delivery, Deep Learning System, Computer Network	
EDUCATION	<b>Ph.D. in Electrical Engineering</b> Korea Advanced Institute of Science and Technology (KAIST) Advisor: Dongsu Han	AUG. 2018 ~ AUG. 2023 (Expected)
	<b>B.S. in Electrical Engineering</b> Korea Advanced Institute of Science and Technology (KAIST)	FEB. 2014 ~ AUG. 2018
PUBLICATIONS	<b>Conference</b>	
	1. <b>Enabling Neural-enhanced Video Streaming on Commodity Mobile Devices</b> Hyunho Yeo, Chan Ju Chong, <u>Youngmok Jung</u> , Juncheol Ye and Dongsu Han <b>ACM MobiCom 2020</b>	
	2. <b>Neural-Enhanced Live Streaming: Improving Live Video Ingest via Online Learning</b> Jaehong Kim, <b>(Co-First)</b> <u>Youngmok Jung</u> , Hyunho Yeo, Juncheol Ye, and Dongsu Han <b>ACM SIGCOMM 2020</b>	
	3. <b>Neural Adaptive Content-aware Internet Video Delivery</b> Hyunho Yeo, <u>Youngmok Jung</u> , Jaehong Kim, Jinwoo Shin, and Dongsu Han <b>USENIX OSDI 2018</b> (Acceptance Rate 47/257: 18.2%)	
RESEARCH PROJECTS	<b>Next Generation Sequencing</b> <b>Deep Learning-based Live Video Streaming</b> <b>Deep Learning-based Internet Video Delivery</b>	MAY 2020 ~ Present JANUARY 2019 ~ July 2020 NOVEMBER 2017 ~ OCTOBER 2018
COURSES	Data Mining and Search (AI506) Graph signal processing and Graph deep learning (EE837) Deep Reinforcement Learning (EE807) Advanced Computer Networking and Cloud Computing (EE618) Database and Bigdata system (EE488) Foundation of Big Data Analytics (EE412) Advanced Image Restoration and Quality Enhancement (EE838)	SPRING 2020 AUTUMN 2019 AUTUMN 2019 SPRING 2019 SPRING 2019 AUTUMN 2018 AUTUMN 2018
PROFICIENT SKILLS	Programming Languages: Python, C, C++, SQL, UNIX shell scripting Deep Learning Frameworks: Tensorflow, Pytorch Distributed System Frameworks: Spark, Hadoop Others: Latex, Python Django, Nodejs, HTML, CSS Languages: Korean (native), English	