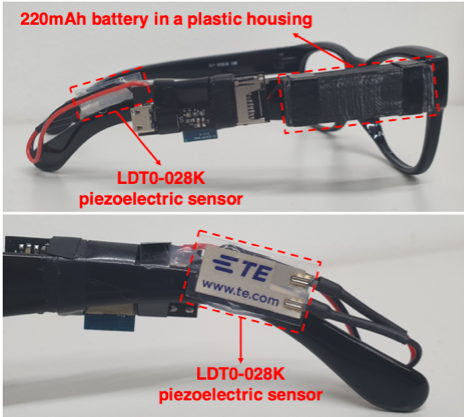

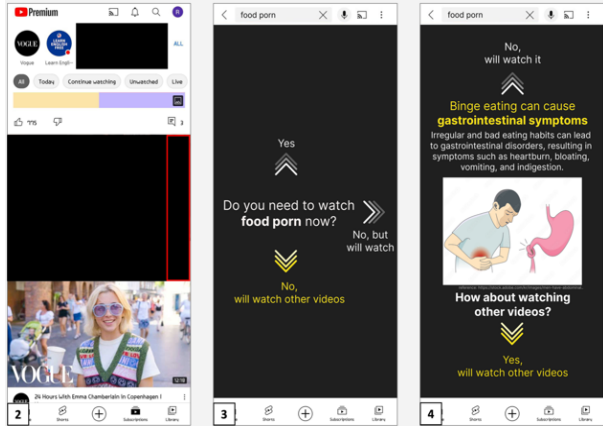
	<p>■ <b>Contact information</b></p> <p>Professor : <a href="mailto:profsj@kaist.ac.kr">profsj@kaist.ac.kr</a> TEL : 042-350-7413          Lab. : <a href="mailto:nmsl@kaist.ac.kr">nmsl@kaist.ac.kr</a> TEL : 042-350-7766          Website : <a href="https://nmsl.kaist.ac.kr">https://nmsl.kaist.ac.kr</a></p>
<p>■ <b>Current state of the Lab. (in 2025 Spring Semester)</b></p> <p>Postdoctoral Fellows : 0      PhD Students: 8      Master's Student: 2</p>	
<p>■ <b>Research Areas</b></p> <ul style="list-style-type: none"> <li>• Mobile computing (ubiquitous computing, mobile sensing, wearable computing, AR/VR)</li> <li>• Mobile AI/ML (test time adaptation, domain adaptation, unsupervised learning, on-device ML, federated learning)</li> <li>• Mobile Human-Computer Interaction (digital health and wellbeing, human/AI interaction, novel interaction methods)</li> <li>• Wireless networking (networking for robots and drones, protocols for emerging spectrum, ML for networks)</li> </ul> <div data-bbox="145 633 611 1048">  </div> <div data-bbox="632 622 855 1057">  </div> <div data-bbox="137 1064 743 1489">  </div>	
<p>■ <b>Recommended courses &amp; Career after graduation</b></p> <ul style="list-style-type: none"> <li>• Recommended courses are: EE323 Computer Networks, EE331 Introduction to Machine Learning, EE415 Operating Systems and System Programming for Electrical Engineering.</li> <li>• Career paths after graduation include (1) continuing studies in KAIST or overseas (e.g., MIT, University of Washington, Carnegie Mellon University), (2) working in tech giants (e.g. Google, Youtube, Amazon, Nokia Bell Labs, Naver, Samsung Electronics, SK), (3) pursuing an academic career as a professor (e.g., UNIST), (4) government research labs (e.g., Agency for Defence Development), and (5) start-ups.</li> </ul>	<p>■ <b>Introduction to other activities besides research</b></p> <ul style="list-style-type: none"> <li>• We have various leisure activities to refresh the atmosphere in the lab as well as to build solid companionship among lab members. Strawberry parties, birthday parties, playing board games, playing online games, pilates exercises, playing futsal are examples.</li> <li>• Our lab also has study groups and workshops to improve the skills needed for professional careers (e.g., writing, presenting, relationship management).</li> <li>• We also offer international internship opportunities to institutes such as Microsoft Research Asia, Nokia Bell-Labs Cambridge, Google, Cisco, MIT, CMU, Nanyang Technological University, and University of Buffalo.</li> </ul>

#### ■ Introduction to the Lab.

Networking and Mobile Systems Laboratory (NMSL) utilizes expertise in mobile computing, network systems, human-computer interactions, and machine learning to build innovative mobile services & applications. To enrich the quality of life of mobile users, we (i) identify challenging real-world problems, (ii) design novel solutions, protocols, algorithms, systems, applications, software, and interfaces, and (iii) build our solutions in working systems for practical validation and deployment. We are interested in interdisciplinary, high impact research, and seek collaboration with other academic research groups, industry and government worldwide.

#### ■ Recent research achievements ('23~'25) (visit <https://nmsl.kaist.ac.kr/publications.html> for full list of publications)

- Our lab has published in top international venues in mobile computing, machine learning, and human-computer interactions, such as ICML, NeurIPS, CVPR, EMNLP, CHI, CSCW, UbiComp, MobiSys, SenSys, as well as Transactions on Mobile Computing.
- Our Research has won awards at ACM CHI, ACM CSCW, and ACM MobiSys.