학부생 연구기회 프로그램 (UROP) 공고

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◆ 담당교수 : 유승주	◆ 연구실명 : 컴퓨팅메모리 연구실
◆ UROP 연구 과제명 : AR Glass를 위한 AI 기반 3차원 인식기술	
◆ 모집대상 : 학부 3, 4학년	
◆ 모집기간 : ~ 2021년 6월 말	
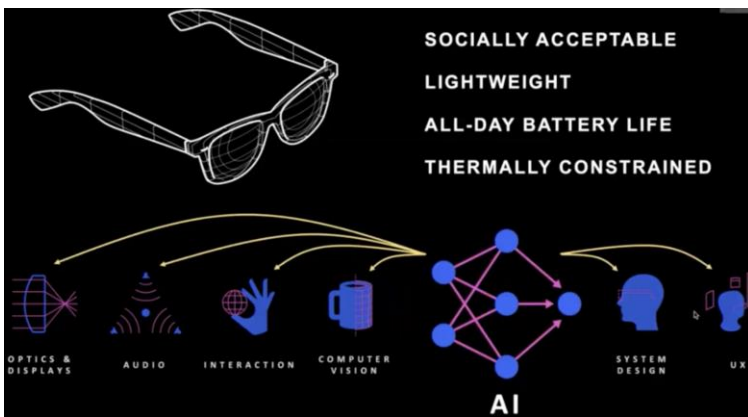
From TinyML 2021 keynote
by Dr. Vikas Chandra
On-Device AI, Facebook

Almost all functionalities of AR glass are expected to be realized by AI. 3D scene understanding is one of the most fundamental functions most of AI functions are based on.
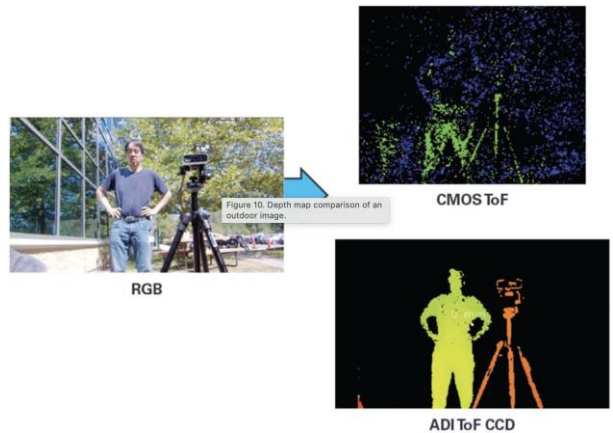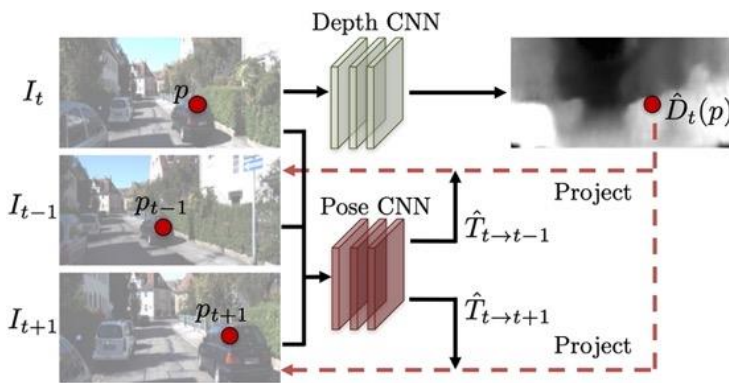
Monocular depth prediction is to learn depth prediction based only on video frames without depth measurements.

Depth sensor gives accurate depth measurements only for some pixels.

Research goal: understanding self-supervised monocular depth prediction and investigate how to make best use of depth sensor measurements and image based depth prediction

서울대학교 컴퓨터공학부
Seoul National University
Dept. of Computer Science and Engineering

문의   정현영, gusdud1500@gmail.com