

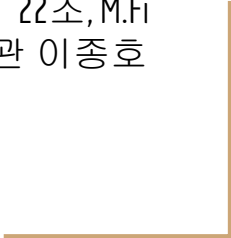


# MDW

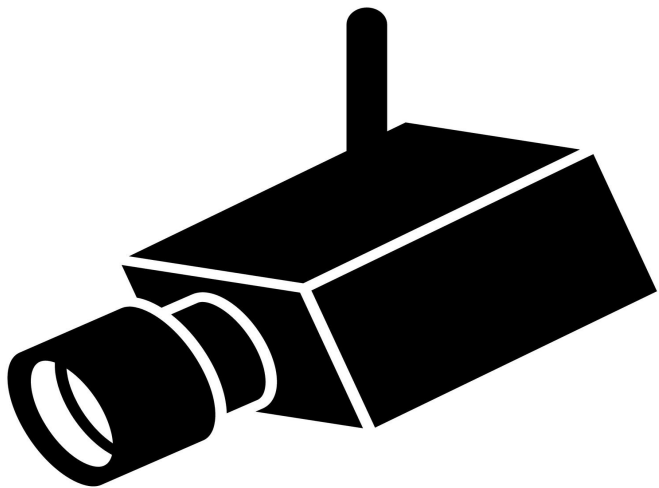
(Motion Detecting WiFi)

22조, M.Fi

김상원 김용환 안재관 이종호



# 프로젝트 개요

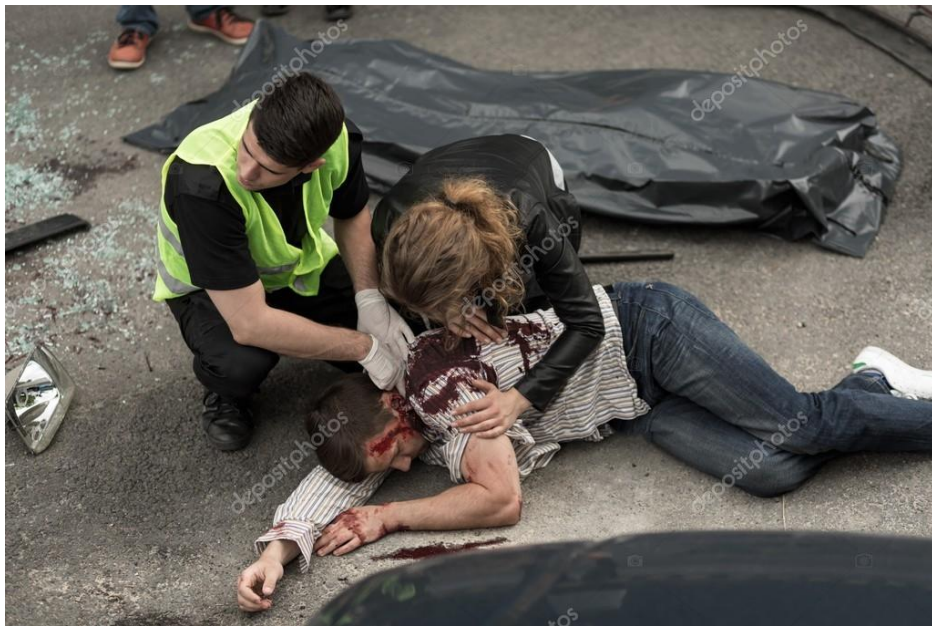


✓ 시각적 제약

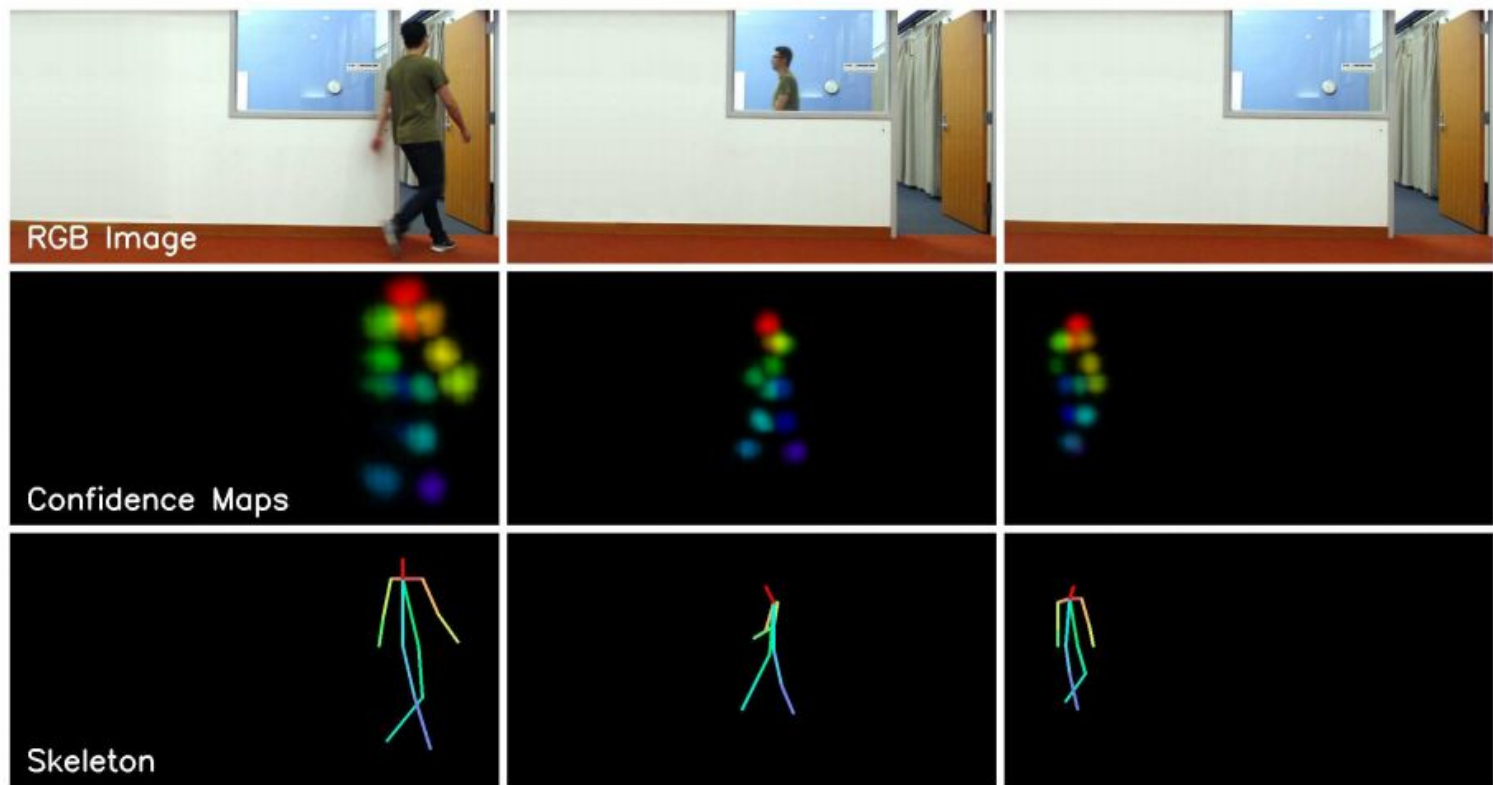
—



Wifi를 이용한 감지 시스템



Wifi를 이용한 위기상황 감지 시스템



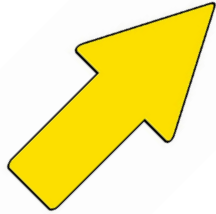
Through-Wall Human Pose Estimation Using Radio Signals, MIT CSAIL



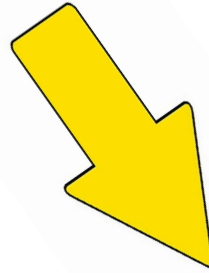
Access Point -> CSI tool -> Matlab -> Tensorflow -> python -> Application -> User



MDW



Node.js



Flutter



User Application





Rock Pro-64

## RockPro-64를 이용한 AP기기 소형화

RockPro-64 WiFi 모듈을 사용  
WiFi AP를 패키지화 및 소형화  
AP모듈은 서버로 알림을 전송



Rock Pro-64



Flutter



각 모듈을 합쳐 시스템 완성



# END

감사합니다!

