

SNU Visual Computing Lab

Hanbyul Joo

Joining SNU CSE in 2022 Spring!



Seoul National University Joining in 2022 Spring
Assistant Professor

facebook AI Research

Facebook AI Research 2019 - current
Research Scientist

Carnegie Mellon University
The Robotics Institute

Carnegie Mellon University 2012 - 2019
PhD in Robotics



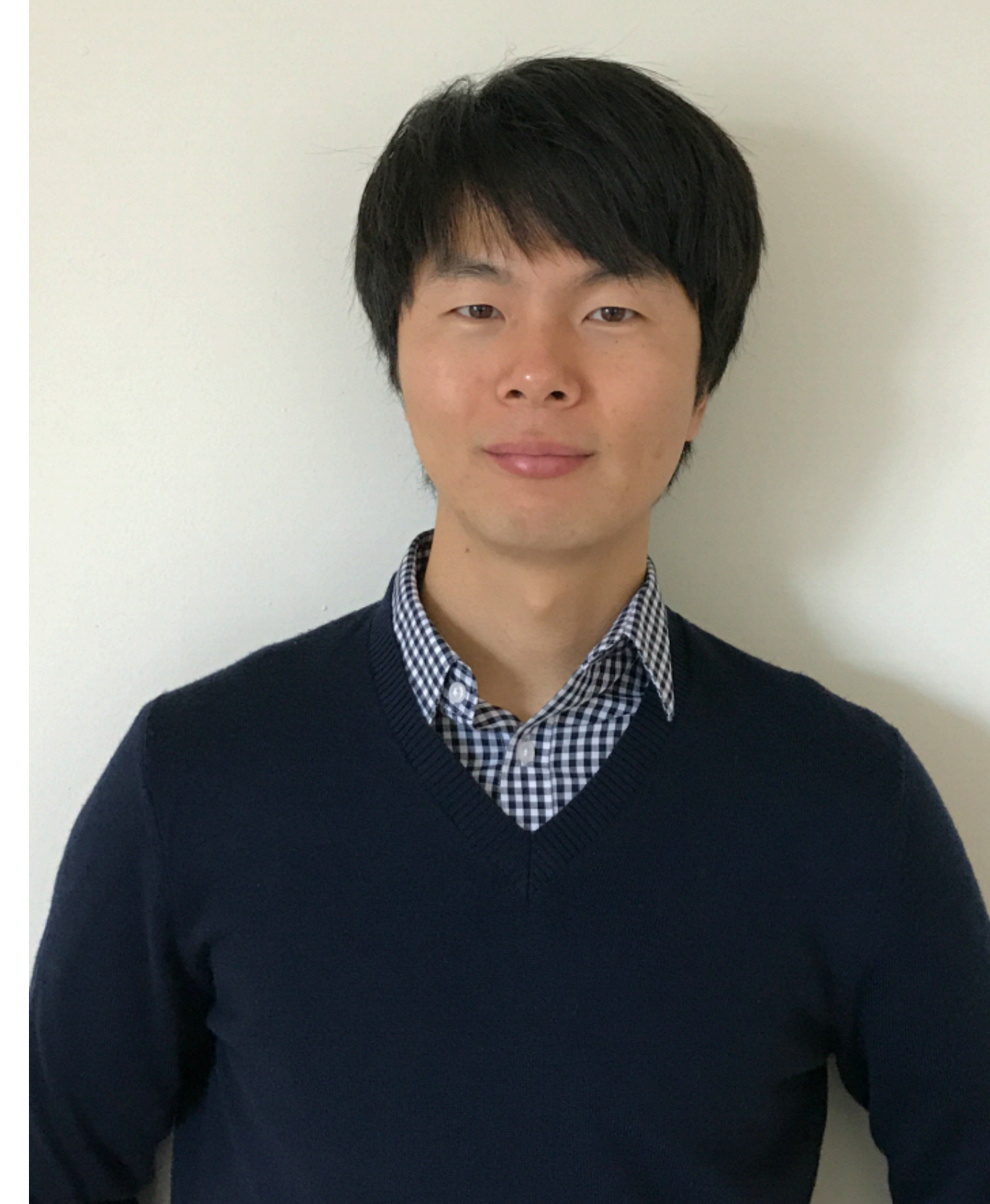
Oculus Research Pittsburgh 2017
Research Intern



Disney Research Zurich 2015
Research Intern



KAIST 2002 - 2009
MS in Electrical Engineering
BS in Computer Science



Hanbyul Joo (주한별)

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Webpage: <https://jhugestar.github.io/>

SNU Visual Computing Lab

Mission: To Build Intelligent Machines To Understand The World from Visual Data

- **Target Research Fields**

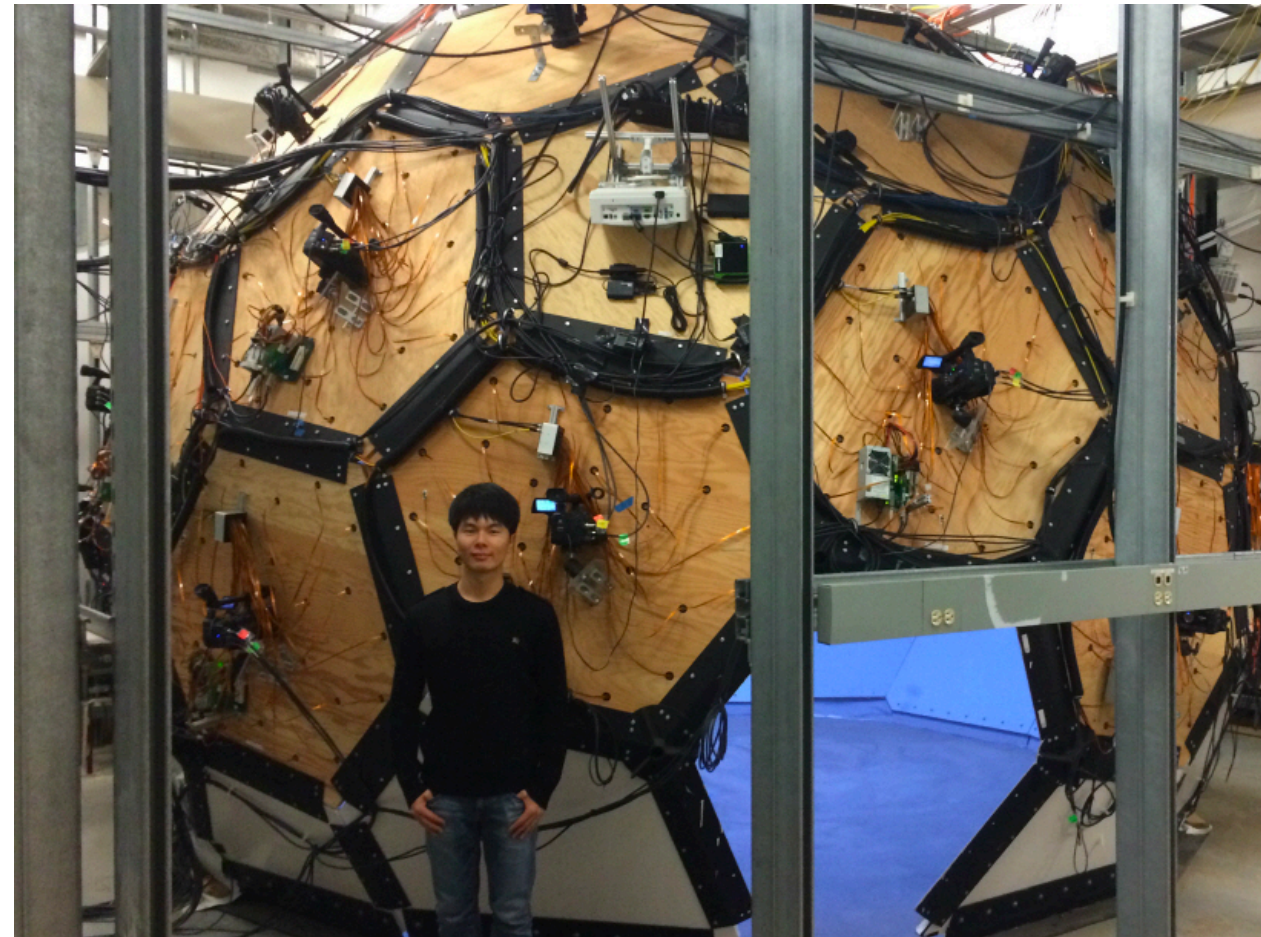
- Computer Vision
- Machine Learning
- Computer Graphics
- Robotics

- **Target Conferences**

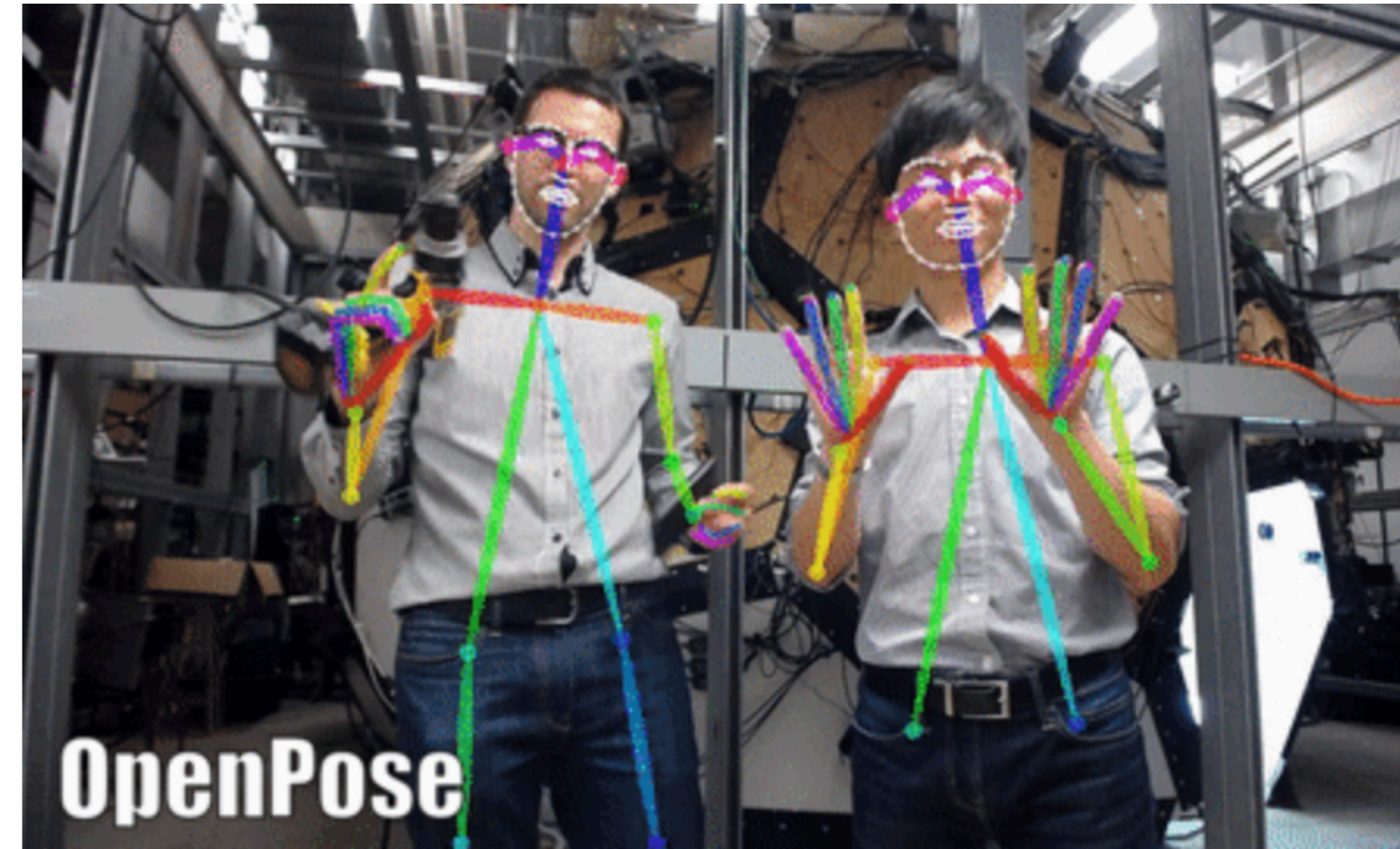
- CVPR / ICCV / ECCV
- NeurIPS / ICLR / ICML
- Siggraph / Siggraph Asia
- ICRA / IROS

Selected Previous Work

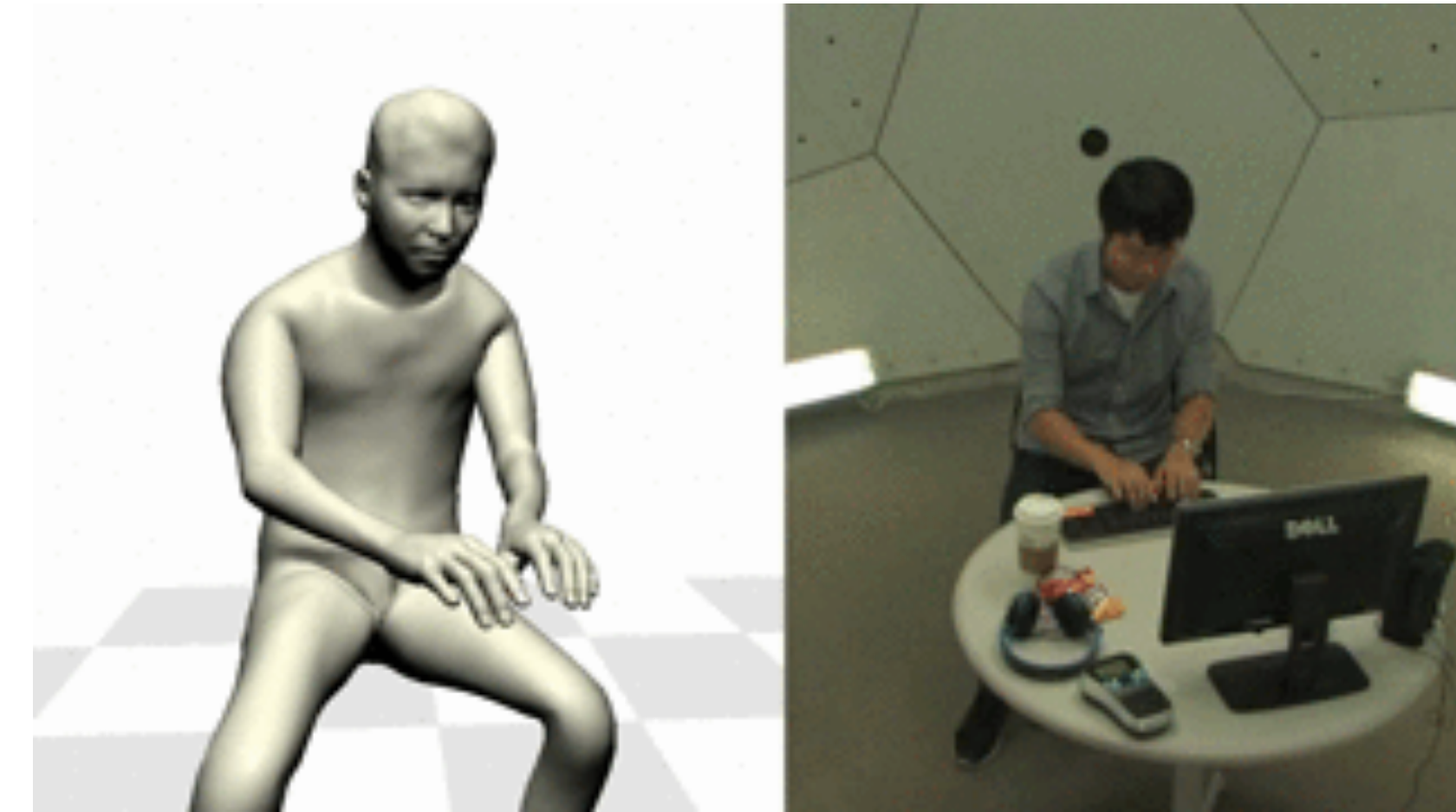
Visit My [Webpage](#) for The Full List



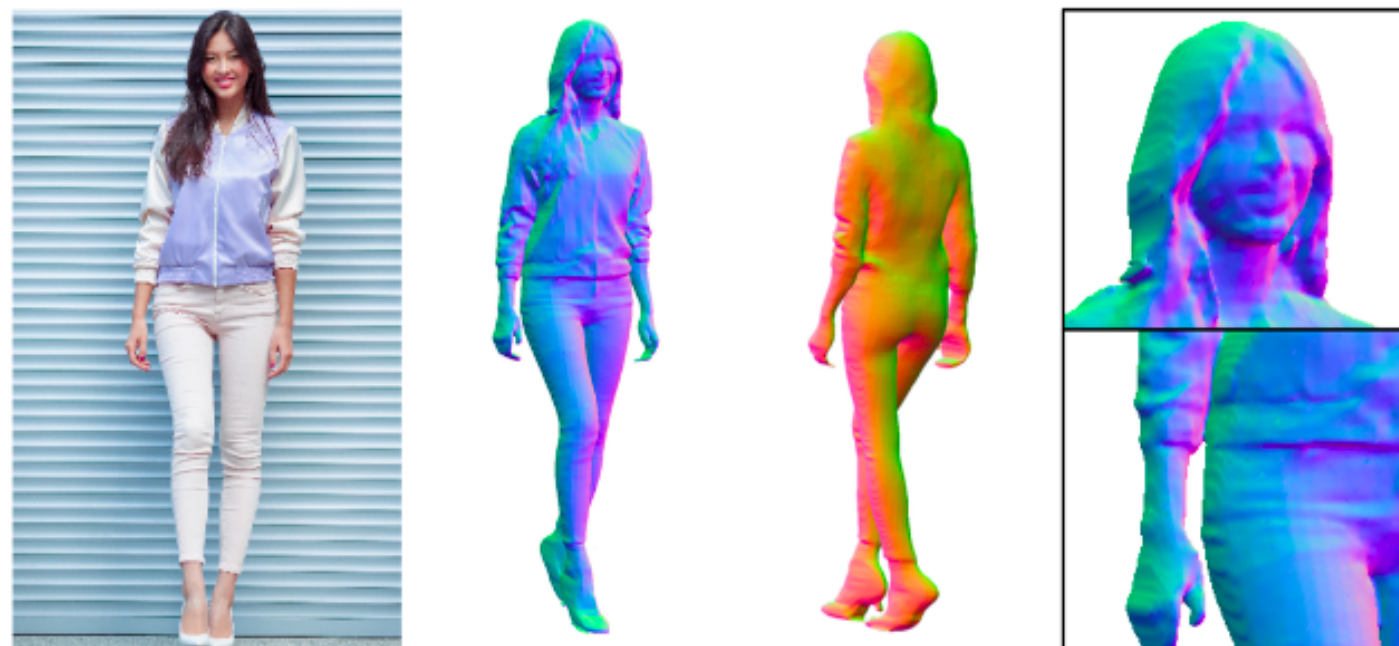
Panoptic Studio (A Multi-Camera System)
CVPR 2014, ICCV 2015, TPAMI 2017



OpenPose (Human Pose Detector)
CVPR 2017, ICCV 2019



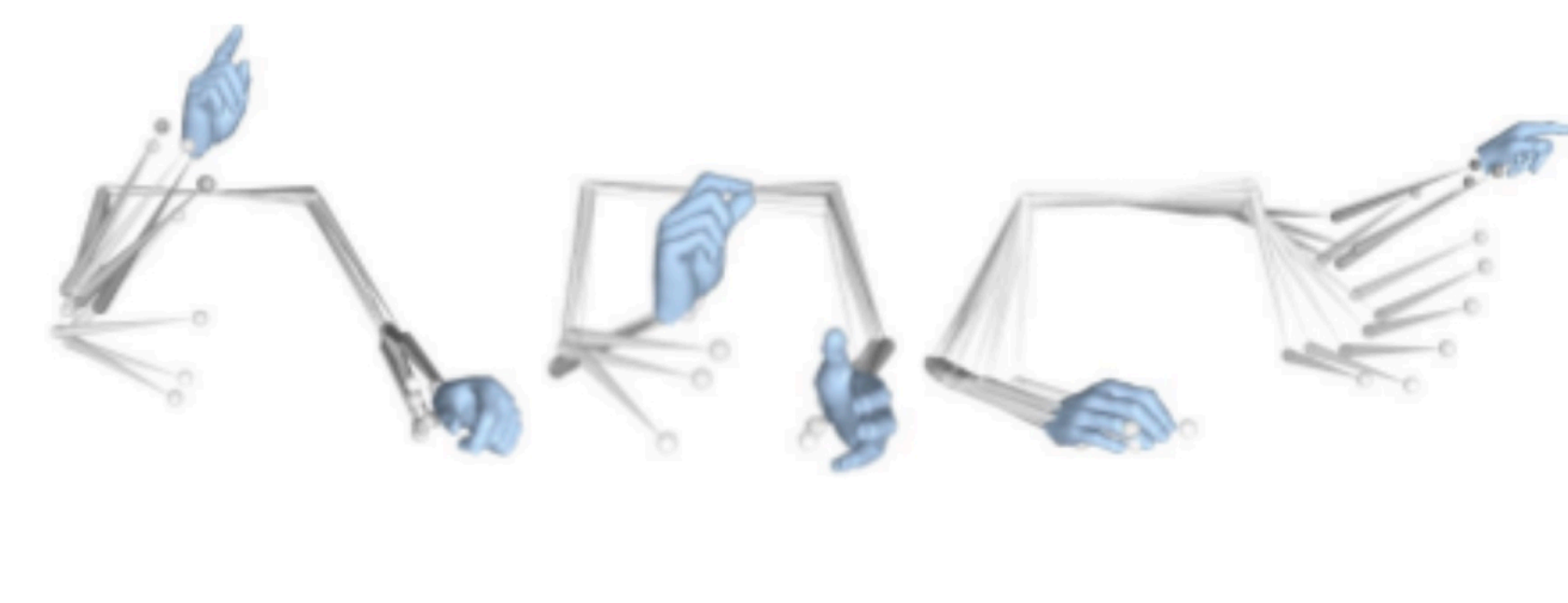
3D Human Pose Estimation
CVPR 2018 (**Best Student Paper Award**)
CVPR 2019, 2020



3D Human Digitization
CVPR 2020



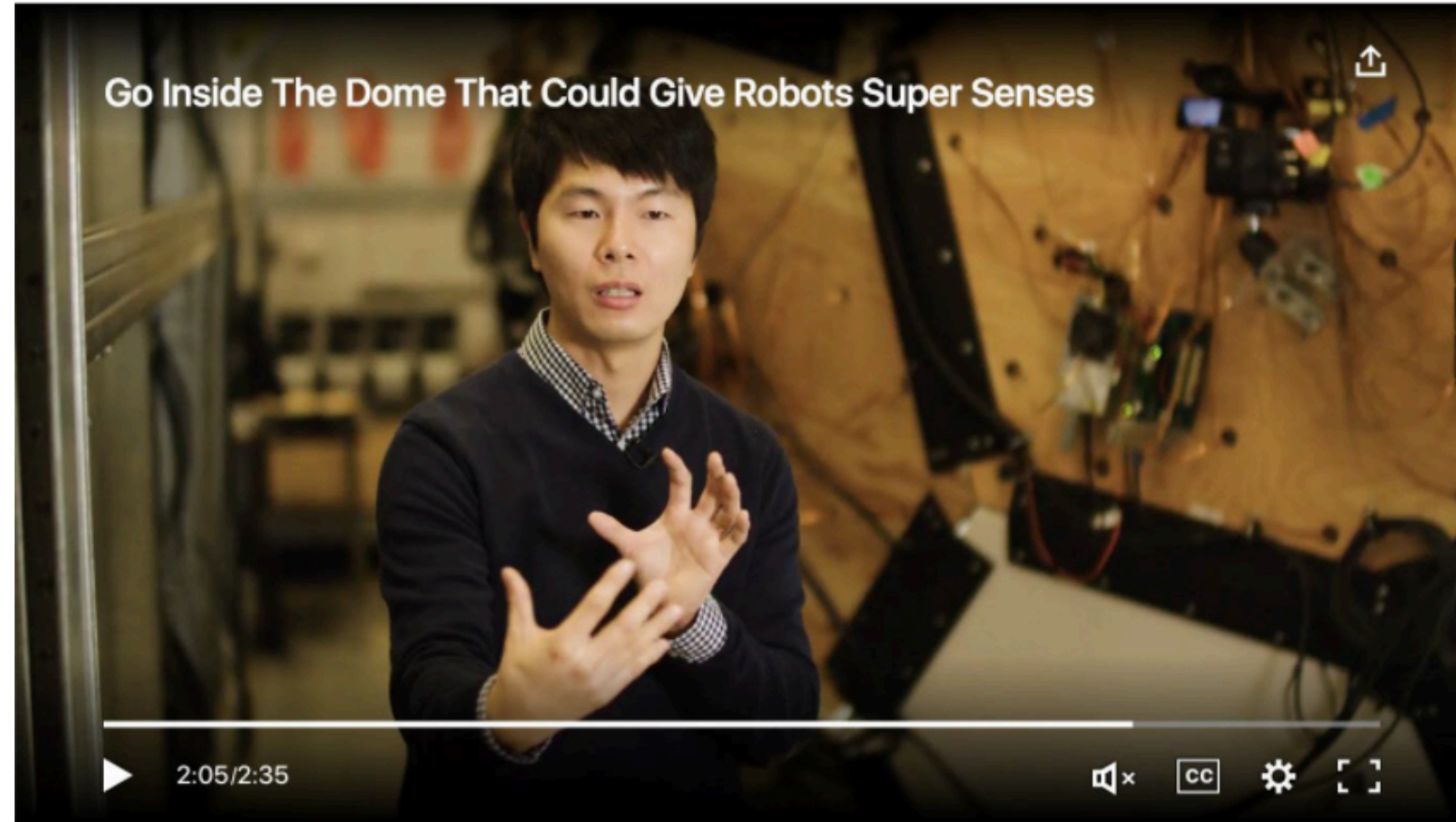
Human-Object Interaction
ECCV 2020



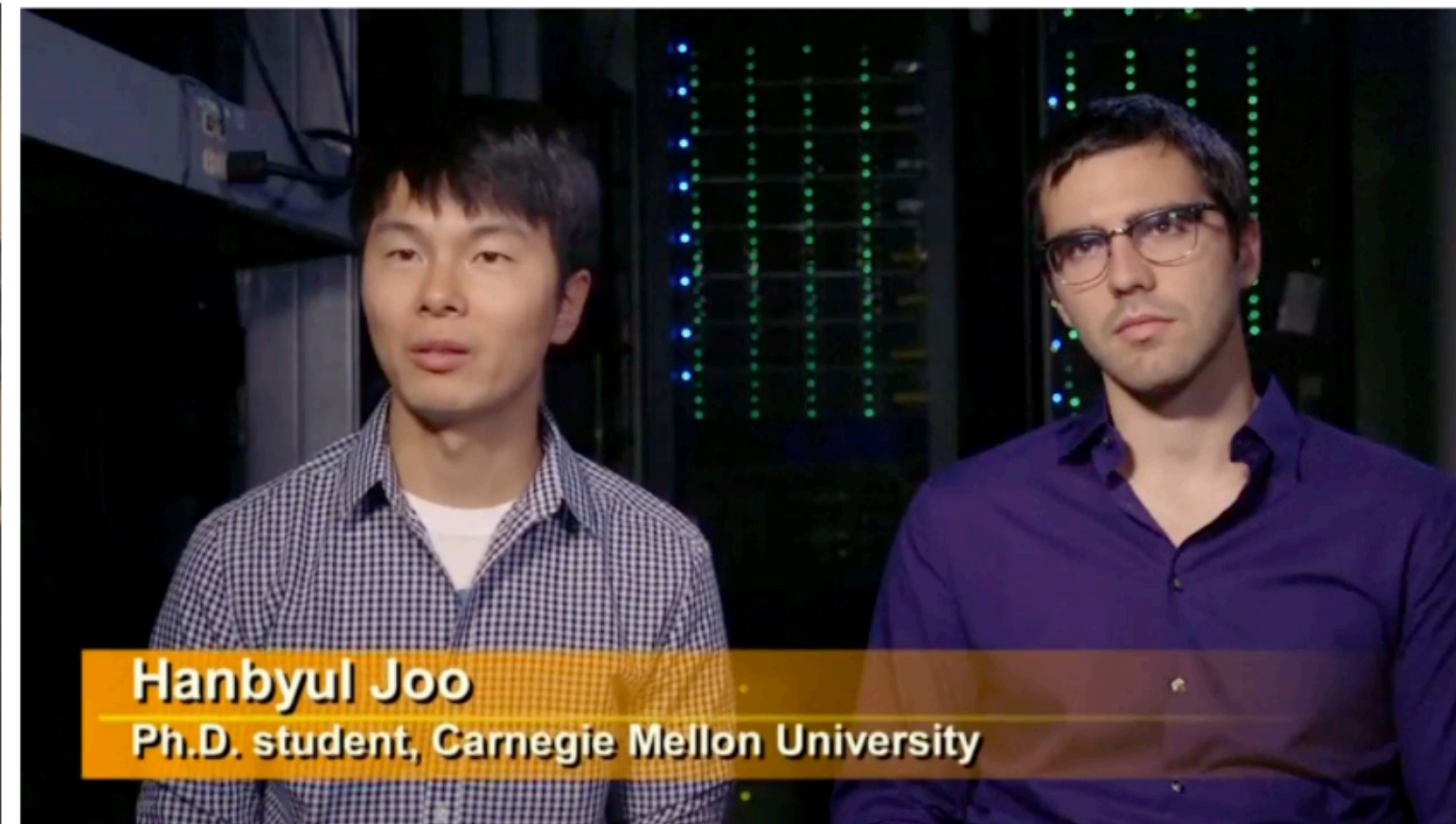
Understanding Social Gestures
CVPR 2019, 2020, 2021

Selected Press Coverage

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WIRED, 2018



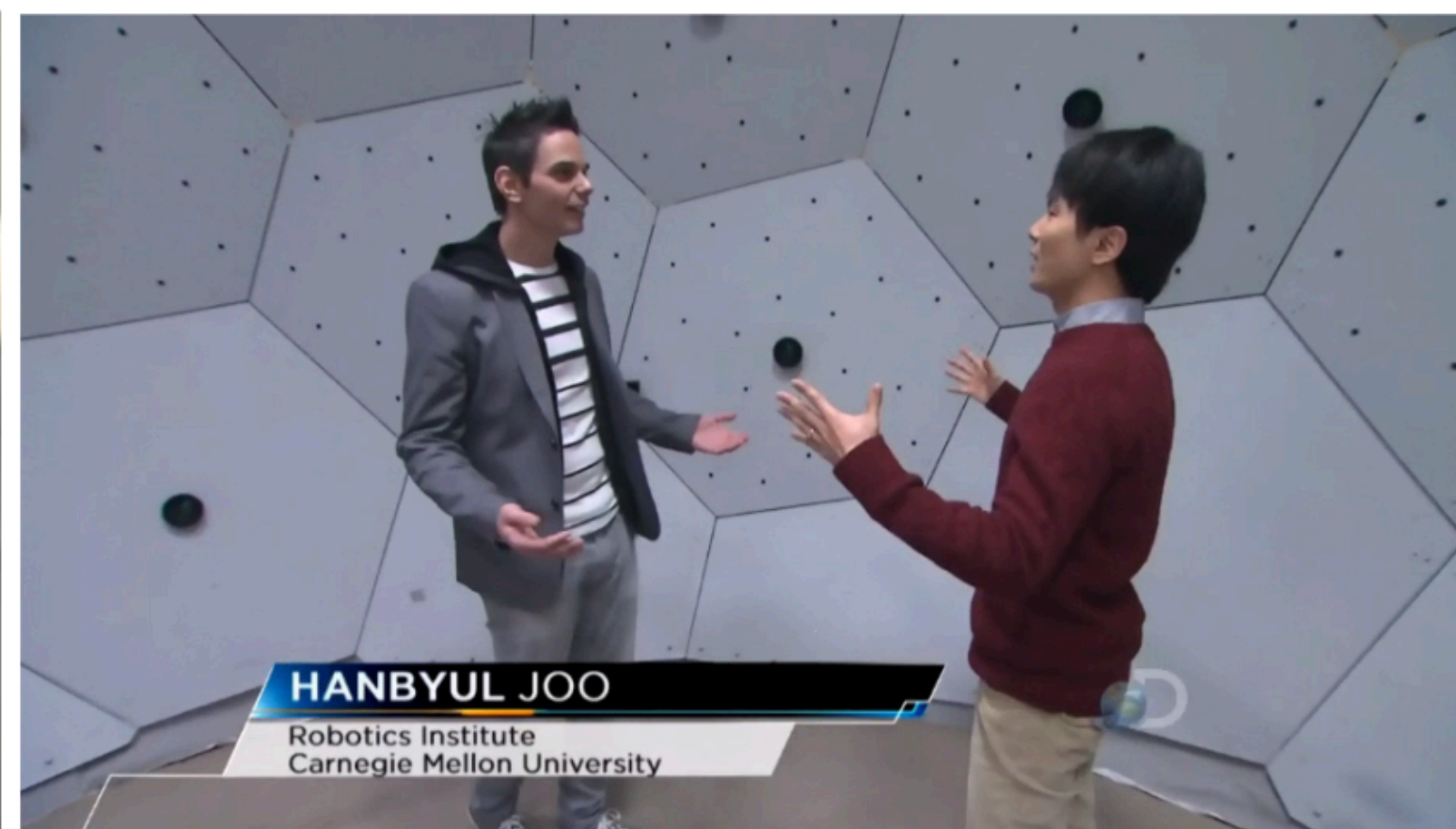
Reuters, 2017



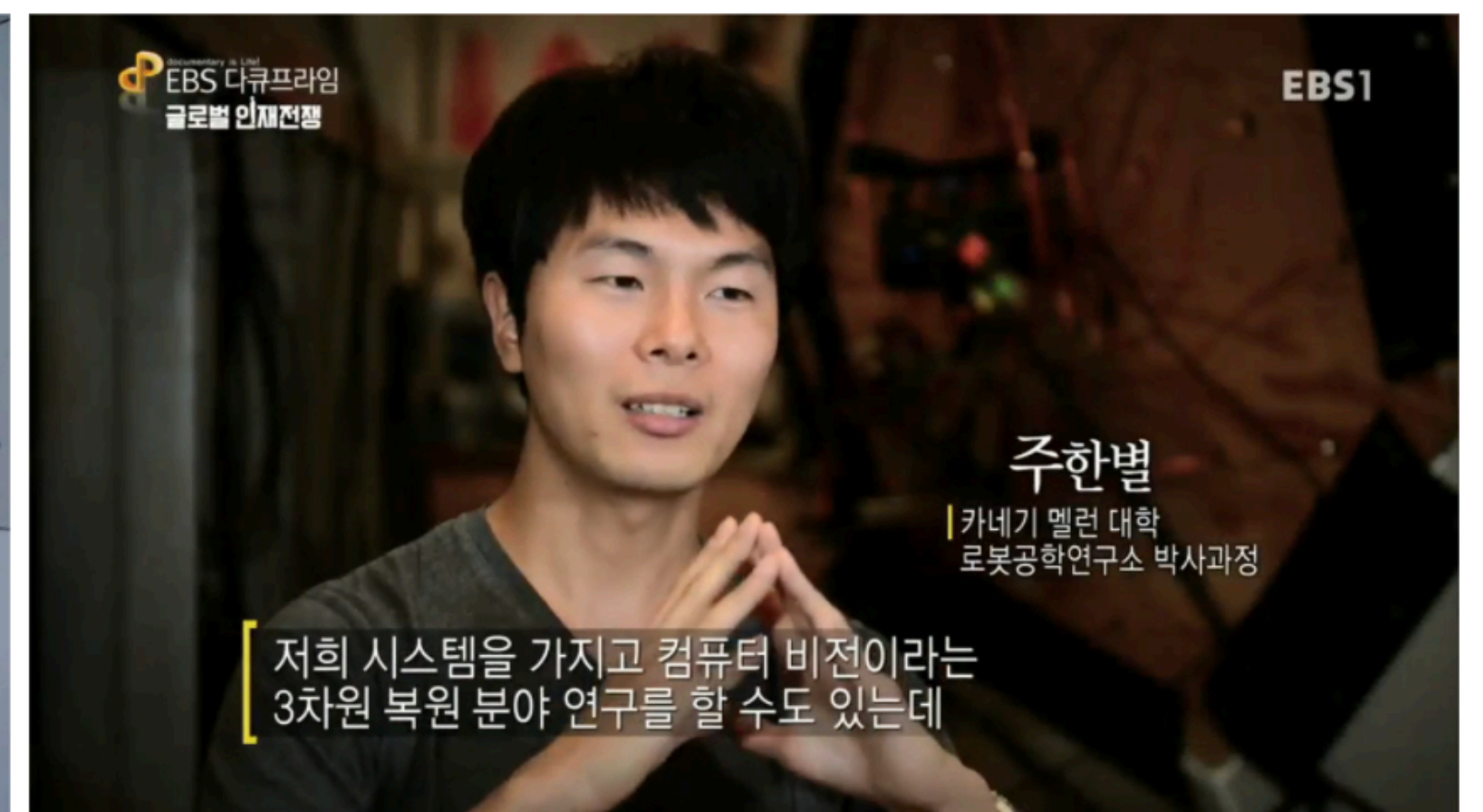
The Verge, 2016



Reuters, 2015



Daily Planet, Discovery, 2015



Docuprime, EBS (Korean TV), 2017

We Are Recruiting!

- MS/PhD or PhD
- Undergraduate Interns
- Full-time Researchers

- Looking for strong members with:
 - Integrity, Positive life attitude, Open-minded
 - Self-motivated, Passionate about making impactful research outputs
 - Strong implementation skill
 - Excellent communication skills (both in Korean and English)

Why You Should Choose Our Lab?

- We believe your success is closely aligned to the success of our lab. Together, we will succeed!
- You will be equipped with the abilities to become a strong AI researcher working in world-class schools and companies
- You will get hands-on advising to learn solid research skills via 1:1 meetings
- We will have structured reading/study groups to learn research topics and collaborate together
- Open minded to any interesting and challenging research topics
- Highly encourage to experience internships in big tech companies:
 - Google, Facebook, Microsoft, Adobe, NVIDIA, and others
- Strong connections with world-class researchers and labs
- Previous advisee/intern students
 - Donglai Xiang (mentoring at CMU, now PhD in CMU)
 - Evonne Ng (FAIR intern, now PhD in UC Berkeley)
 - Jason Zhang (FAIR intern, now PhD in CMU)
 - Gengshan Yang (FAIR intern, now PhD in CMU)
 - Shunsuke Saito (FAIR intern, now Research Scientist in Facebook Reality Labs)
 - Yu Rong (FAIR intern, now Research Engineer in Facebook Reality Labs)

How to Apply?

- Please apply via Google Form: [Link](#)
- Contact: Hanbyul Joo
 - Email: jhugestar@gmail.com
 - Webpage: <https://jhugestar.github.io/>