

Jinwon Cha

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PERSONAL DATA

- Birth: 12st June, 1992, in Republic of Korea
- Military Service Status: Unfulfilled
- Programming Languages: C++, Python

EDUCATION

Mar. 2018 ~ Feb. 2020	Yonsei University Department of Computer Science <i>Master Student</i> <i>Advisor: Prof. Tak-Don Han</i>	Seoul, Korea
Mar. 2013 ~ Feb. 2018	Kookmin University Department of Computer Science <i>Undergraduate Student</i>	Seoul, Korea

RESEARCH INTEREST

- **Augmented Reality**
- **3D Computer Vision**
 - ✓ 3D Object Detection
 - ✓ 3D Semantic Segmentation

INTERNATIONAL CONFERENCES

1. YJ Park, Y Yang, H Ro, **J Cha**, K. Kim, and TD. Han, “ChildAR-bot: Educational Playing Projection-based AR Robot for Children”, ACM Multimedia Conference on Multimedia Conference (2018)

DOMESTIC CONFERENCES

1. **J. Cha**, H Ro, J Byun, YJ Park, and TD. Han “Mobile Object Registration Application and Research for Immersion Enhancement of Projection AR”, HCI Korea, Jeju, Korea (2019) – oral.
2. S Kwon, **J Cha**, J Byun, and TD. Han “Context Awareness using Vision Technology and Projection AR Integration for IoT Control”, HCI Korea – oral(accepted)

RESEARCH PROJECTS

- **Pervasive AR Interaction Platform Construction using a Mobile Projection Technology (NRF)**
Mar. 2018 ~ Oct. 2018
 - ✓ Developed Mobile Interaction with Projection-based AR Platform
 - ✓ Developed Plane Detection with Projection-based AR Platform
- **Integration of Context-aware Pervasive AR Platform for Personal Assistant Implementation (NRF)**
Sep. 2018 ~ Feb. 2020
 - ✓ Developed Context-aware Pervasive AR Platform using 3D Semantic segmentation