

Hyeungshik Jung

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea

- M.S. in Computer Science Mar 2017 – Feb 2019
 - Advisor: Juho Kim
 - Focus: Human Computer Interaction

Seoul National University, Seoul, South Korea

- B.S. in Computer Science and Engineering Mar 2010 – Feb 2017
- B.A. in Information Science and Culture Mar 2010 – Feb 2017
 - Double major at College of Liberal Studies
 - 2 years of military service for ROKAF(Republic of Korea Air Force)

Hankuk Academy of Foreign Studies, Yongin, South Korea

- French major Mar 2007 – Feb 2009

PUBLICATIONS

CONFERENCES

- [01] M. Chang, L. Guillain, H. Jung, V. Hare, J. Kim, M. Agrawala “RecipeScape: An Interactive Tool for Analyzing Cooking Instructions at Scale ” in *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems*, Montreal, Canada, Apr 2018.

SELECTED PROJECTS

DynamicSlide

- Ongoing project Aug 2017 – Current
 - DynamicSlide is a video processing and playing system that leverages relationship between slides in video and the narration in order to highlight video and help navigation.
 - As a first author, I led the entire part of project - processing slide-based video and subtitle, building video player, running user study, and submitting a paper.

Homemining

- Joint project with LG Electronics Jan 2017 – Jul 2017
 - Crawled 52M pictures from Instagram by expanding relevant tags about housing in order to gain insights on housing trends. Trained LDA model and word2vec model using crawled data. Ran object detection for 5M images.
 - Stacks used: ElasticSearch, AWS SQS, AWS S3, Gensim, Tensorflow(Object Detection API)

RecipeScape <https://recipescape.kixlab.org>

- Research project published at CHI 2018 Apr 2017 – Sep 2017
 - RecipeScape is a research prototype for analyzing hundreds of recipes online.
 - As a third author, I implemented the tagger that corrects POS tags of recipes, the web dashboard with an intern, and the backend API for both tagger and dashboard. I recorded the video abstract as well.

SNUTT <https://snutt.kr>

- WaffleStudio, Seoul National University 2016 – 2017
 - Developed an web application of the course scheduling service using React / Redux.
 - Website: <https://snutt.kr>, GitHub Repo: <https://github.com/wafflestudio/snutt-webclient>

WORK EXPERIENCE

Sualab, Seoul, South Korea

- Research Engineer Intern Jun 2015 – Aug 2015
 - Participated in developing desktop client for label inspection system using C# and WPF
 - Participated in developing algorithm for detecting defective coin packaging using C++ and OpenCV (to be delivered at KOMSCO, Korea Minting, Security Printing ID Card Operating Corp.)

TEACHING EXPERIENCE

TA, Introduction to HCI (Instructor: Juho Kim)

Spring 2017, 2018

- Led one-hour design studio of 20 undergraduate students every week
- Designed 3 programming assignments for HTML / JavaScript / Firebase
- Gave two tutorials on using JavaScript with Firebase and version control with Git

[CV compiled on 2018-06-06]