

WANG Hao

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<https://wanghao.tech/>
<https://github.com/hwang1996/>

EDUCATION

- **Nanyang Technological University (NTU)** Singapore
PhD Student Aug 2019 – Present
 - Advisor: Miao Chun Yan
- **Huazhong University of Science and Technology (HUST)** Wuhan, China
Bachelor of Automation (Outstanding Graduate) Sept 2014 – Jun 2018

EXPERIENCE

- **Living Analytics Research Centre (LARC)** SMU, Singapore
Research Engineer Aug 2018 - Aug 2019
 - Involved in FoodAI project, which applies food recognition into daily life with app **Healthy 365**. Mainly took charge of model training.
 - Researched on cross-modal retrieval in food domain, introducing modality alignment to food retrieval.
 - Advisor: Steven Hoi
- **Horizon Robotics Inc.** Beijing, China
Algorithm Intern Jan 2018 - May 2018
 - Researched on video face recognition.
 - Utilized deep learning to analyze the quality of each frame, which is used to obtain video representations by weighted averaging.
 - Advisors: Ming Yang, Zhizhong Su
- **National Laboratory of Pattern Recognition, CASIA** Beijing, China
Intern Jul 2017 - Sept 2017
 - Researched on data cleansing methods based on neural networks.
 - Trained classifiers obtained from noisy label datasets with robust performance.
 - Advisors: Stan Z. Li, Jun Wan

PUBLICATIONS

- **FoodAI: Food Image Recognition via Deep Learning for Smart Food Logging:**
 - Doyen Sahoo, **Wang Hao**, Shu Ke, Xiongwei Wu, Hung Le, Palakorn Achananuparp, Ee-Peng Lim, Steven Hoi.
 - Accepted at KDD 2019.
- **Learning Cross-Modal Embeddings with Adversarial Networks for Cooking Recipes and Food Images:**
 - **Wang Hao**, Doyen Sahoo, Chenghao Liu, Ee-peng Lim, Steven Hoi.
 - Accepted at CVPR 2019.

SKILLS

- **Programming Languages:** Python, C, Matlab, Java
- **Deep Learning Framework:** Pytorch, MXNet, Caffe
- **IELTS:** 7.0