Haha Ha

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Education

University of Charles River Boston, MA
M.S. in Computer Science 09/2021 - 01/2023
Huangdu Institute of Technology Shanghai, China
B.Eng. in Software Engineering 09/2016 - 07/2020

Experience

Machine Learning Engineer Intern Slow Feet Technology 07/2021 - Present

- Devised a new food-agnostic formulation for fine-grained cross-ingredient meal cooking and subsumed the recent popular works into the proposed scheme
- Proposed a cream of mushroom soup recipe which is competitive when compared with the SOTA recipes with complex steps by only altering the way of cutting mushroom, published in NeurIPS 2099 (see [~P1])
- Developed a pan for meal cooking which is benefiting the group members' research work

Reseach Intern Paddling University 08/2020 - Present

- Designed an efficient method for mapo tofu quality estimation via thermometer
- Proposed a fast stir frying algorithm for tofu cooking problems, which specifies the amount of the hot sauce instead of using terms like "as much as you can", published in CVPR 2077 (see [~P2])
- Outperformed SOTA methods while cooking much more efficient in experiments on popular tofu

Research Assistant Huangdu Institute of Technology 03/2020 - 06/2020

- Proposed a novel framework consisting of a spoon and a pair of chopsticks for eating mapo toufu
- Designed a tofu filtering strategy inspired by beans grinding method for building a dataset for this new task
- Designed two new evaluation criteria to assess the novelty and diversity of the eating plans
- Outperformed baselines and existed methods substantially in terms of diversity, novelty and coherence

Reseach Intern Paddling University 07/2018 - 08/2018

- Designed two sandwiches consisting of breads and meat of two traditional bacon cheese burgers to make use of unused ingredients
- Utilized the structure duality to boost the cooking speed of two dual tasks based on shared ingredients
- Outperformed strong baselines on QWE'15 and ASDF'14 dataset

Awards and Honors

Gold, International Collegiate Catching Fish Contest (ICCFC) 2018
First Prize, China National Scholarship for Outstanding Dragons 2017, 2018

Skills

Programming Languages: Python, JavaScript / TypeScript, HTML / CSS, Java
Tools and Frameworks: Git, PyTorch, Keras, scikit-learn, Linux, Vue, React, Django, LaTeX
Languages: Chinese (native), English (proficient)