

CONTACT

✉ yizhehuang@utexas.edu
📞 yih117

YIZHE HUANG

Current PhD student - Decision Science

EDUCATION

Ph. D. - Information, Risk, and Operations Management - Decision Science
University of Texas at Austin

2020 - ongoing

Current Status: Ongoing

M. S. - Computer Science
University of California, San Diego)

2019 - 2020

Thesis: Model Reduction and Iterative LQR for Control of High-Dimensional Nonlinear Systems

B. S. - Computer Science
University of California, San Diego

2015 - 2019

PUBLICATIONS

Analyzing the generalization capability of sgld using properties of gaussian channels
Authors: Hao Wang, Yizhe Huang, Rui Gao, Flavio Calmon

2021/12/6

Advances in Neural Information Processing Systems 34, 24222-24234

Balanced Reduced-Order Models for Iterative Non-linear Control of Large-Scale Systems
Authors: Yizhe Huang, Boris Kramer

2020/12/7

IEEE Control Systems Letters 5 (5), 1699-1704

SKILLS

Machine Learning 5+ yrs

Python 5+ yrs

C/C++ 2+ yrs

Java 2+ yrs

SOFTWARE DEVELOPMENT PROJECTS

Android App for food storage planning
Tool: Android Studio

2017

As part of group coursework, we designed and implemented an Android App for assisting food storage planning at home. It provides an lightweight, easy to use interface for the users to manage their food storage, by adding, removing or modifying the food objects. Features include support of Optical Character Recognition technology to scan receipts, in order to add large quantity of food in batch; a cloud database of the shelf lives of a wide variety of food to set the default shelf lives; customizable notification scheme for food that is going to exceed the shelf life; cloud backup; family sharing of food lists.