

TIANBO SONG

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Skills Summary

JAVA, Python, C++, C, ROS, JavaScript, MATLAB, Mathematica

Degree / Date of Graduation

M.S. of Computer Engineering (CS Concentration)

Arizona State University, Tempe, Arizona

01/2019 - present, Graduating May 2020

B.S of Electrical Engineering

Eastern New Mexico University

08/2012-05/2014

B.S of Network Engineering

University of Electronic Science and Technology of China

08/2010-06/2014

Professional Experience

CHINA HI-TECH GROUP CORPORATION

11/2016-12/2017

- Restful style micro service calling
- SOA settlement & workflow synchronization & thread optimization
- JingWei FangJi Zhuan Accessories Online-Market (<http://beijian.ttfj.com/>)
- SQL optimization & Procedure Engine Design
- JSON big Data analyzation (Bean concentration and filter separation) & fast locating;

BEIJING FUTURE TECH CO.LTD

07/2014-10/2016

- Designed and in charge of construction in several "Building Intelligence Weak Electricity Systems"
- Hardware design in products of "Beijing Future Tech Smart Home System"

Academic Project

Faster Graph Convolutional Network on largescale networks

- Brought up a fast GCN method based on a weighted sampling method on large scale data

Dynamic Emotion Replacement by Face Recognition and Camera tracking

- Built up an emotion dynamic face recognition and tracking system such that the face could be mosaiced with emoji to achieve privacy protection in video.

Robot movement planning (snake arena):

- Designed a two-agent game with Q-Learning, where the agents are able to learn how to fight with each other along the game.