

EDUCATION

Texas A&M University — Computer Science

PhD GPA: 4.00 / 4.00

Aug. 2017 - May. 2022

Master of Science GPA: 3.75 / 4.00

Aug. 2013 - Aug. 2016

Sun Yat-Sen University — Software Engineering

Bachelor GPA: 3.77 / 5.00

Sep. 2009 - Jun. 2013

WORK EXPERIENCE

Meta

Research Scientist

Feb. 2022 - Present

Wyze Labs

Research Scientist (Intern)

Jan. 2021 - May. 2021

- Learning Efficient Device-Specific Models under Edge-Cloud Collaboration Framework.
- Rule Recommender System using Graph Neural Network.

UWinTech (A DevOps Startup Company)

Machine Learning Engineer (Intern)

Feb. 2017 - Jul. 2017

- Developed anomaly detection and alerting module which can monitor servers and alert anomaly data in real time. Built anomaly detection service from 0 to 1.

PUBLICATIONS (Selected)

1. Jaehoon Choi, Rajvi Shah, **Qinbo Li**, Yipeng Wang, Ayush Saraf, Changil Kim, Jia-Bin Huang, Dinesh Manocha, Suhil Alsian, Johannes Kopf, "LTM: Lightweight Textured Mesh Reconstruction of Unbounded Scenes Using Neural Fields", **CVPR 2024** (accepted)
2. Hung-Yu Tseng, **Qinbo Li**, Changil Kim, Suhil Alsian, Jia-Bin Huang, Johannes Kopf, "Consistent View Synthesis with Pose-Guided Diffusion Models", **CVPR 2023**
3. **Qinbo Li** and Nima Kalantari, "Synthesizing Light Field From a Single Image with Variable MPI and Two Network Fusion", **SIGGRAPH Asia**, 2020
4. **Qinbo Li**, et al., "Video Face Recognition with Audio-Visual Aggregation Network", **International Conference on Neural Information Processing**, 2021 (**oral presentation**)
5. **Qinbo Li** and Yoonsuck Choe, "Construction and Use of Tools through Hierarchical Deep Reinforcement Learning", Human-like Behavior and Cognition Workshop in **IROS**, 2021
6. Han Wang, **Qinbo Li**, Jaewook Yoo, and Yoonsuck Choe, "Dynamical analysis of recurrent neural circuits in articulated limb controllers for tool use", International Joint Conference on Neural Networks (**IJCNN**), 2016
7. **Qinbo Li**, Jaewook Yoo, and Yoonsuck Choe, "Emergence of tool use in an articulated limb controlled by evolved neural circuits", 2015 International Joint Conference on Neural Networks (**IJCNN**), 2015
8. Yoonsuck Choe, Jaewook Yoo, and **Qinbo Li**. "Tool construction and use challenge: Tooling test rebooted", In **AAAI Workshop**, 2 pages, 2015.

SKILLS & OTHERS

Programming Languages: Python, C/C++, MATLAB, Java, PHP, Javascript

Machine Learning: Tensor Flow, Pytorch, Pandas, sklearn

Web Development: HTML, CSS, JQuery, Flask, Node.js, CodeIgniter, Angular, PrimeNG, Bootstrap

Databases: MySQL, MongoDB, Redis, InfluxDB

Others: Git, Git Flow, SourceTree, Apache Storm, Redis Queue

AWARDS

TAMU Spring 2020 Programming Contest, 1st in Graduate Students, 1st in Individual Teams

Best poster award, "Evolving Neural Networks to Control Tool Use", Computer Sciences and Information Technologies Symposium, UKC 2015

Excellence award of China Software Cup (National), 2012

Second class scholarship at Sun Yat-Sen University, 2011 and 2012