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Education

- M. Sc. @ Tsinghua University (THU)** Fall 2019 – Spring 2022
Data Science & Information Technology, Tsinghua-Berkeley Shenzhen Institute (TBSI)
GPA: 3.95/4.0 Rank: 2nd /98 Advisor: Prof. [Qionghai Dai](#) & Prof. [Lu Fang](#)
- B. E. @ South China University of Technology (SCUT)** Fall 2015 – Spring 2019
Intelligence Science & Technology, Automation Department
GPA: 3.90/4.0 Rank: 1st /51
- Visiting Student @ University of California, Berkeley (UCB)** Fall 2018
Computer Science & Statistics, Exchange Program
Got 3A and 1B+ in all major courses

Research Experience

- GigaMVS: A Benchmark for Ultra-large-scale Gigapixel-level 3D Reconstruction** Sep 2020 – Oct 2021
Construct high-resolution 3D reconstruction dataset to support large scene reconstruction with fine details.
Contribute to the data collection and analysis. [Accepted by IEEE TPAMI](#) (IF:16.389, as co-first-author).
- Surface Material Perception Through Multimodal Learning** Sep 2019 – Apr 2022
Material perception using structured light camera by fusing reflecting, scattering and texture modalities.
Contribute to the methods, theoretical analysis and experiments. [Accepted by IEEE JSTSP](#) (IF:6.856, as first-author)
- Visual system of a BCI manipulator for automatic drinking** Jun 2017– May 2018
Recognize and localize the cup for grasping by computer vision.
As a team leader of National Undergraduate Training Program. [Accepted by ROBIO](#). (as second author)
- Deciphering cortex neural signals using mesoscale imaging and electrophysiology** Sep 2021 – Mar 2022
Analyze the dynamic and distributed neural activities using imaging and electrophysiology methods.
Contribute to the neural decoding of facial expressions.

Other Experiences

- Teaching Assistant for *Introduction to Audio-visual Information system*** Fall 2021 @ THU
Design assignments and provide coding guidance.

Honors

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| Chinese National Scholarship, by Minister of Education of China | 2017 |
| Chinese National Scholarship, by Minister of Education of China | 2016 |
| Interdisciplinary Contest in Modeling (ICM) Meritorious Award | 2017 |
| 8-th Mathematics competition of Chinese College Students First Price | 2016 |