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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: 2<sup>nd</sup> /98
- B. E. @ South China University of Technology (SCUT)** Fall 2015 – Spring 2019  
Intelligence Science & Technology, Automation Department  
GPA: 3.90/4.0 Rank: 1<sup>st</sup> /51
- Visiting Student @ University of California, Berkely (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](#) (as co-first-author).
- Surface Material Perception Through Multimodal Learning** Aug 2021 – 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](#) (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 yet distributed neural activities using imaging and electrophysiology methods.  
Contribute to the neural decoding of facial expressions.
- Mapping brain dynamics in unconsciousness with a human SEEG resource** Mar 2021 – Jun 2021  
Characterized the neural oscillations of different consciousness state, based on SEEG implanted in human brain.  
Contribute to the data analysis. Under review by Brain (as co-author).

## 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 |
| Mathematical Contest in Modeling (MCM) Meritorious Award             | 2017 |
| 8-th Mathematics competition of Chinese College Students First Price | 2016 |