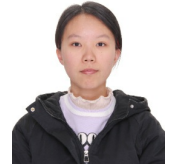


# 曾一欣

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<https://zyx45889.github.io/> (my old blog: <https://www.cnblogs.com/zyx45889>)



## EDUCATION

### Zhejiang University

Sep 2018 - Jul 2022

Computer Science Bachelor at CKC College.

GPA 3.93/ 4.0(89.86/100)

### Zhejiang University

Sep 2022 - Jun 2025

Computer Science Master

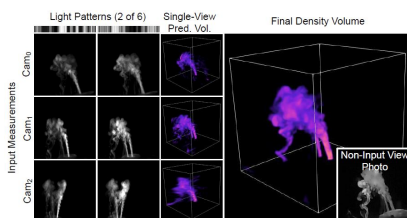
Supervisor: Prof. [Hongzhi Wu](#), State Key Lab of CAD&CG.

## RESEARCH

### Real-time Acquisition and Reconstruction of Dynamic Volumes with Neural Structured Illumination

Mar 2023 - Nov 2023

CVPR 2024

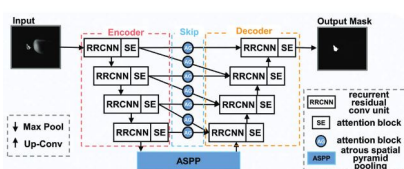


- **Y. Zeng\***, Z.Bi\*(equal contribution), M. Yin, X. Feng, K. Zhou, H. Wu
- Propose a novel framework for real-time acquisition and reconstruction of temporally-varying 3D phenomena, enabling the automatic and joint optimization of physical acquisition and computational reconstruction. Demonstrated on a lightweight setup with an off-the-shelf projector and one or multiple cameras, achieving a performance of 40 volumes per second at a spatial resolution of  $128^3$ .

### Use of Deep-Learning Assisted Assessment of Cardiac Parameters in Zebrafish to Discover Cyanidin Chloride as a Novel Keap1 Inhibitor Against Doxorubicin-Induced Cardiotoxicity

Oct 2022 - Mar 2023

Advanced Science 2023

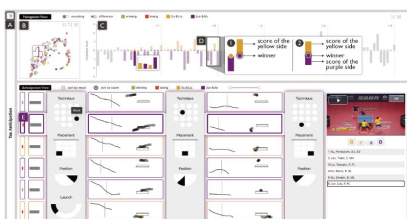


- C. Liu, Y. Wang, **Y. Zeng**, Z. Kang, H. Zhao, K. Qi, H. Wu, L. Zhao, Y. Wang
- We establish a zebrafish phenotypic screening with deep-learning assisted multiplex cardiac functional analysis using motion videos of larval hearts, exhibiting the capability of deep-learning-assisted phenotypic screening in identifying promising lead compounds against DIC.

### Tac-Anticipator: Visual Analytics of Anticipation Behaviors in Table Tennis Matches

Dec 2020 - Mar 2021

Computer Graphics Forum 2023



- J. Wang, Y. Wu, X. Zhang, **Y. Zeng**, Z. Zhou, H. Zhang, X. Xie, Y. Wu
- Collaborating with domain experts in table tennis, we develop a complete solution that includes data collection, the development of a model to evaluate anticipation behaviors, and the design of a visual analytics system to gain more accurate and reliable insight into anticipation skills.

## AWARDS

Second Prize Scholarships in 2019 & 2020 academic years

2020 & 2021

First Prize Scholarships in 2018 academic year

2019

Yongping Scholarship for Student

2019

School Stars in Volunteering Works

2021

## TEACHING

Assistant Teacher(Computer Graphics)

Sep 2022 - Dec 2022

Volunteer teaching in Hongyuan

Sep 2019 - Sep 2019