

# Yaping Zhao

Nationality: China, Ethnic Group: Zhuang (minority)  
zhaoy18@tsinghua.org.cn | <https://indigopurple.github.io>



## EDUCATION

---

**Tsinghua University** | *M.S. in Data Science and Information Technology* Aug. 2018 – Jun. 2021  
**Beihang University** | *B.S. in Information System, Mathematics (double degree)* Aug. 2014 – Jun. 2018

## SELECTED HONORS

---

### Academic

- **Best Paper Award**, The IEEE Student Symposium on Electron Devices and Solid-State Circuit (s-EDSSC), 2021
- **Best Poster Award**, The Westlake International Symposium in Engineering (WISE), 2021

### Contests

- Meritorious Winner in Mathematical Contest in Modeling (MCM) (**worldwide**), 2016
- The Third Prize Award in the 5th Cross-Strait Market Survey and Analysis Contest (**nationwide**), 2016

### Scholarship

- First Prize Scholarship in Academic Contest, Beihang University, 2016
- Fourth Prize Scholarship in Excellent Student, Beihang University, 2016
- Third Prize Scholarship in Social Practice, Beihang University, 2016

### Social Practice

- The First Prize Award in the 2nd “Internet+” National College Students Innovation and Entrepreneurship Contest in Beijing Area (and The Silver Award **Nationwide**), 2016
- Bronze Award in the 10th “Challenge Cup” Undergraduate Entrepreneurship Contest (**nationwide**), 2016
- Silver Award in the 26th “Fengru Cup” Entrepreneurship Contest of Beihang University, 2016
- Silver Award in the 25th “Fengru Cup” Entrepreneurship Contest of Beihang University, 2015

## ACADEMIC ACTIVITIES

---

### Talk

- CSOE International Computational Imaging Conference (CITA) | *Artificial Intelligence and Computational Imaging: Cross-Camera Video Processing and Synthesis*, Sep. 2021

### Poster

- TBSI Workshop on Learning Theory (TBSI-WOLT) | *Cross-Camera Reference-based Video Processing and Synthesis*, Jun. 2021

### Reviewer

- IEEE/CVF International Conference on Computer Vision and Pattern Recognition (CVPR), 2022
- IEEE Winter Conference on Applications of Computer Vision (WACV), 2022

## TEACHING EXPERIENCE

---

**Teaching Assistant** | *Computational Photography (86000603-200)*, Tsinghua University Mar. 2021 - Jun. 2021  
(Teaching and assessment throughout the course is undertaken **entirely in English.**)

## SKILLS

---

- **Programming Languages** | Python, C/C++, Java, SQL, HTML/CSS, JavaScript, Matlab
- **Speaking Languages** | Chinese, English, Cantonese, Zhuang language
- **Libraries** | PyTorch, NumPy, Matplotlib, OpenCV, TensorFlow, pandas
- **Frameworks** | Flask, Django, SSH, SSM