

# WEICAI YE

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## 🎓 EDUCATION

**ZheJiang University (ZJU)**, Hangzhou, China 2018 – Present

*Ph.D.* in Computer Science (CS), supervised by Prof. Guofeng Zhang.

**University of Electronic Science and Technology of China**, Chengdu, China 2014 – 2018

*B.S.* in Computer Software Engineering (CSE)

## 👤 PUBLICATION

### Learning Bipartite Graph Matching for Robust Camera Localization

Hailin Yu, **Weicai Ye**, Youji Feng, Hujun Bao, Guofeng Zhang

IEEE International Symposium on Mixed and Augmented Reality (ISMAR), 2020, (CCF B)

### Saliency Guided Subdivision for Single-View Mesh Reconstruction

Hai Li\*, **Weicai Ye\***, Guofeng Zhang, Sanyuan Zhang, Hujun Bao (\* indicates equal contribution)

International Conference on 3D Vision (3DV), 2020, (CCF C)

### SuperPlane: 3D Plane Detection and Description from a Single Image

**Weicai Ye**, Hai Li, Tianxiang Zhang, Xiaowei Zhou, Hujun Bao, Guofeng Zhang

IEEE Conference on Virtual Reality and 3D User Interfaces (VR), 2021, (CCF A)

### Coxgraph: Multi-Robot Collaborative, Globally Consistent, Online Dense Reconstruction System

Xiangyu Liu, **Weicai Ye**, Chaoran Tian, Zhaopeng Cui, Hujun Bao and Guofeng Zhang

IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), 2021, (CCF C), **Best Paper Finalist Award on Safety, Security, and Rescue Robotics in memory of Motohiro Kiso**.

## 👤 EXPERIENCE

**SenseTime Group Ltd.** Hangzhou, China Jan. 2018 – May. 2018

*3D Vision Researcher Internship*

3D Reconstruction of Indoor Scene of RGB-D Images

**Baidu Inc.** Beijing, China Feb. 2017 – Aug. 2017

*Software Engineer Internship*

Video Search: Given the text and Retrieve the Related Videos.

## ♡ HONORS AND AWARDS

5th in ECCV2020 GigaVision Challenge. 2020

Ranked 6th among the 1945 teams in the Taobao Live Product Identification Contest. 2020

Zhijun He Outstanding Scholarship. 2019

Chiang Chen Industrial Charity Foundation Grant. 2019

Champion of 2018 Cloudwalk Headcount Challenge with 31,500¥ Bonus. 2019

National Encouragement Scholarship, Ranked 3rd of 111 Students. 2017

Meritorious Winner In Mathematical Contest In Modeling. 2017

1<sup>st</sup> Prize in Sichuan Province Contest District in China Undergraduate Mathematical Contest in Modeling. 2016