

# ZHENGZHUO XU

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## 🎓 EDUCATION

**Tsinghua University (THU)**, Beijing, China 2020.09 – Now

- *Master candidate* in Computer Technology, expected June **2023**.
- Supervised by *Prof. Chun Yuan* in Shenzhen. SIGS and focus on Computer Vision (CV).
- GPA: **3.89** / 4.00 (Top **10%**)

**Huazhong University of Science and Technology (HUST)**, Wuhan, China 2016.09 – 2020.06

- Receive the Bachelor degree of Electronics Engineering in EIC.
- Weighted score: **88.84** / 100 (Top **3%**)

## 👤 EXPERIENCE

**Tencent AI lab**, Shenzhen, China 2021.07 – 2022.07

- Intern supervised by *Dr. Linchao Bao* and *Haoxian Zhang*.
- Focus on 3D human face reconstruction and propose a new evaluation benchmark.
- Focus on 3D Style Transfer and contribute to more toonify 3D mesh and texture.

**Ping An Tech.**, Shenzhen, China 2019.12 – 2020.06

- Intern supervised by *Dr. Haiqin Yang*.
- Focus on the explanation of DNNs and imbalanced data mining.

## 📄 PAPER \* INDICATES THE PRIMARY AUTHOR

- Towards Calibrated Model for Long-Tailed Visual Recognition from Prior Perspective.\* **NeurIPS 2021**
- REALY: Rethinking the Evaluation of 3D Face Reconstruction. **ECCV 2022**
- Semantic-Sparse Colorization Network for Deep Exemplar-based Colorization. **ECCV 2022**
- HyP2 Loss: Beyond Hypersphere Metric Space for Multi-label Image Retrieval. **ACM MM 2022**
- CMS-LSTM: Context Embedding and Multi-Scale Spatiotemporal Expression LSTM. **ICME 2022**
- MoDeRNN: Towards Fine-grained Motion Details for Spatiotemporal Predictive Learning. **ICASSP 2022**
- Feature Space Distillation for Bayesian Bias Consistency in Multi-Expert LTR.\* *Under review*
- HHF: Hashing-guided Hinge Function for Deep Hashing Retrieval.\* *Under review*

## 🏆 HONORS AND AWARDS

- Tsinghua Friend JiuJiang Scholarship, 2021. **TOP 5%**
- Excellent Students of QiMing College. **The Best Honor in HUST, TOP 1%**
- HaiHang Scholarship, 2018. **CNY 10,000, TOP 1%**
- Outstanding Undergraduate Graduates of HUST, 2020. **TOP 5%**
- First Class Scholarship of HUST. **3 Times, TOP 10%**
- New Student Scholarship of HUST, 2017. **TOP 30%**

## ⚙️ PROJECT AND MORE

- China Collegiate Computing Contest (Apple), Second prize in the Final, 2019.
- BeiBei Seed Cup Competition, rank: 11/1000, 2017.
- Short-term exchange at Oriel College, Oxford, 2017.
- Python / Pytorch /  $\LaTeX$  / CET-6: 593 / CET-4: 562 / TOEFL: 84.
- Github: <https://github.com/XuZhengzhuo>