JINGWANG LING

(+86)15328221225 ◇ gerwang@outlook.com
https://gerwang.github.io ◇ GitHub @gerwang

EDUCATION

Tsinghua University, Beijing, China Sep 2020 - Present
Ph.D in Software Engineering *School of Software*
- **Advisor:** Prof. Feng Xu

Tsinghua University, Beijing, China Aug 2016 - Jun 2020
Bachelor of Engineering *School of Software*
- GPA: 3.85/4.0 (top 10%)
- 2020 Fall graduate application: UNC-CS PhD, THU-SE PhD, Brown-CS ScM

B.A. in Digital Media Art *Academy of Arts & Design*
- Second Bachelor Degree
- GPA: 3.83/4.0

PUBLICATIONS

Jingwang Ling, Zhibo Wang, Ming Lu, Quan Wang, Chen Qian, Feng Xu, "Structure-aware Editable Morphable Model for 3D Facial Detail Animation and Manipulation", Proceedings of the European Conference on Computer Vision (ECCV) 2022

Jingwang Ling, Zhibo Wang, Ming Lu, Quan Wang, Chen Qian, Feng Xu, "Semantically Disentangled Variational Autoencoder for Modeling 3D Facial Details", IEEE Transactions on Visualization Computer Graphics (TVCG) 2022

Zhibo Wang, **Jingwang Ling**, Chengzeng Feng, Ming Lu, Feng Xu, "Emotion-preserving Blendshape Update with Real-time Face Tracking", IEEE Transactions on Visualization Computer Graphics (TVCG) 2020.

EXPERIENCE

SenseTime Research | Research Intern Jan 2020 - Sep 2020
Advisor: Quan Wang and Chunze Lin
- 3D facial scan registration and modeling.

Carnegie Mellon University | Summer Research Intern Jul 2019 - Sep 2019
Advisor: Prof. Simon Lucey and Dr. Chen Cao
- 3D facial tracking using the nonlinear morphable model.

Tsinghua University | Research Assistant Jan 2019 - Jul 2019
Advisor: Prof. Feng Xu
- Real-time CUDA-based facial detail reconstruction from monocular RGB videos.

AWARDS

Jining Scholarship	2021
Boeing Scholarship (top 1% in Tsinghua)	2019
CNPC Scholarship	2018
Third Prize in Wechat Mini-program Development Competition	2018
Tsinghua Academic Scholarship	2017
First Prize in Asia-Pacific Informatics Olympiad (APIO)	2015

Third Prize in National Olympiad in Informatics (NOI) 2015

SKILLS

Programming Language: Python, CUDA, C/C++, Java, JavaScript
Software & Tools: PyTorch, OpenGL, Ceres, Tensorflow
English: TOEFL 112 (R 29, L 28, S 26, W 29), GRE 328 (V 158, Q 170)