

# Hang ZHOU

## PERSONAL DATA

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GITHUB: [Hangz-nju-cuhk](https://github.com/Hangz-nju-cuhk) (Over 1000 Stars!)

## EDUCATION

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AUG 2017 - Present Ph.D Student in ELECTRONIC ENGINEERING,  
**The Chinese University of Hong Kong**, Hong Kong SAR.  
Research Area: Audio-Visual Learning and Face Generation.  
Supervisor: Prof. Xiaogang WANG.  
AUG 2013 - JUN 2017 B.Sc in ACOUSTICS, Physics School,  
**Nanjing University**, Nanjing, China.  
GPA: 4.55/5.0. Ranking: 2/43. National Scholarship awardee.

## RESEARCH & PUBLICATIONS

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- **Pose-Controllable Talking Face Generation by Modularized Audio-Visual Representation.**  
Hang Zhou, Yasheng Sun, Wayne Wu, Chen Change Loy, Xiaogang Wang, Ziwei Liu.  
*IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2021.*
- **Visually Informed Binaural Audio Generation without Binaural Audios.**  
Xudong Xu\*, Hang Zhou\*, Ziwei Liu, Bo Dai, Xiaogang Wang, Dahua Lin.  
*IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2021.*
- **Audio-Driven Emotional Video Portraits.**  
Xinya Ji, Hang Zhou, Kaisiyuan Wang, Wayne Wu, Chen Change Loy, Xun Cao, Feng Xu.  
*IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2021.*
- **Pteacher: a Computer-Aided Pronunciation Training System with Exaggerated Audio-Visual Corrective Feedback.**  
Yaohua Bu\*, Tianyi Ma\*, Weijun Li, Hang Zhou, Jia jia, Shengqi Chen, Kaiyuan Xu, Dachuan Shi, Haozhe Wu, Kun Li, Zhiyong Wu, Yuanchun Shi, Xiaobo Lu, Ziwei Liu.  
*ACM Conference on Human Factors in Computing Systems (CHI) 2021.*
- **Sep-Stereo: Visually Guided Stereophonic Audio Generation by Associating Source Separation.**  
Hang Zhou\*, Xudong Xu\*, Dahua Lin, Xiaogang Wang, Ziwei Liu.  
*European Conference on Computer Vision (ECCV) 2020.*
- **Discriminability Distillation in Group Representation Learning.**  
Manyuan Zhang, Guanglu Song, Hang Zhou, Yu Liu.  
*European Conference on Computer Vision (ECCV) 2020.*
- **Rotate-and-Render: Unsupervised Photorealistic Face Rotation from Single-View Images.**  
Hang Zhou\*, Jihao Liu\*, Ziwei Liu, Yu Liu, Xiaogang Wang.  
*IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2020.*

## RESEARCH & PUBLICATIONS (CONTINUE)

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- **Vision-Infused Deep Audio Inpainting.**

**Hang Zhou**, Ziwei Liu, Xudong Xu, Ping Luo, Xiaogang Wang.  
*International Conference on Computer Vision (ICCV) 2019.*

- **A Graph-based Framework to Bridge Movies and Synopses.**

Yu Xiong, Qingqiu Huang, Lingfeng Guo, **Hang Zhou**, Bolei Zhou, Dahua Lin.  
*International Conference on Computer Vision (ICCV) 2019. (Oral Presentation)*

- **ET-GAN: Cross-Language Emotion Transfer Based on Cycle-Consistent Generative Adversarial Networks.**

Xiaoqi Jia\*, Jianwei Tai\*, **Hang Zhou**, Yakai Li, Weijuan Zhang, Haichao Du, Qingjia Huang.  
*European Conference on Artificial Intelligence (ECAI) 2020. (Oral Presentation)*

- **Talking Face Generation by Adversarially Disentangled Audio-Visual Representation.**

**Hang Zhou**, Yu Liu, Ziwei Liu, Ping Luo, Xiaogang Wang.  
*AAAI Conference on Artificial Intelligence (AAAI) 2019. (Oral Presentation)*  
Project page: [liuziwei7.github.io/projects/TalkingFace](https://liuziwei7.github.io/projects/TalkingFace)

## WORKING EXPERIENCE

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JUN 2019 - NOV 2020    Research Intern at **SenseTime Research**.  
SPRING 2017        Junior Research Assistant at  
                                 **The Chinese University of Hong Kong, Hong Kong SAR.**

## SCHOLARSHIPS AND CERTIFICATES

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AUG. 2017 - Present    PGS Scholarship, The Chinese University of Hong Kong.  
NOV. 2020            Top 10% High-Score Reviewer of NeurIPS 2020.  
JUNE 2020            Outstanding Reviewer of CVPR 2020.  
SEPT. 2015            National Scholarship, Ministry of Education, China.

## PROFESSIONAL ACTIVITIES

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Co-organizer of    SenseHuman Workshop, ECCV 2020.  
Journal Reviewer of    IJCV; Neurocomputing; TASLP.  
Conference Reviewer of    CVPR 2020, 2021; AAAI 2021; NeurIPS 2020; ICCV 2021; ICML 2021.

## TALKS

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SEP. 2020    Invited Talk @ **TechBeat**:  
                         Visually Guided Stereophonic Music Generation and Music Separation.  
                         Video: [www.techbeat.net/talk-info?id=447](https://www.techbeat.net/talk-info?id=447) (Chinese).  
NOV. 2020    Invited Panel Discussion @ **VALSE** on Audio-Visual Research:  
                         WebPage: [valser.org/article-391-1.html](https://valser.org/article-391-1.html) (Chinese).  
DEC. 2020    Invited Talk @ **ZhiDongXi**:  
                         Cross Audio-Visual Modality Information Transfer and Content Generation.

## TEACHING

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SPRING 2019:    Tutor, ELEG5491, Introduction to Deep Learning  
FALL 2018:     Tutor, ELEG5760, Machine Learning for Signal Processing Applications  
SPRING 2018:    Tutor, ENGG1110, Problem Solving By Programming  
FALL 2017:     Tutor, ENGG2420, Complex Analysis and Differential Equations for Engineers

## COMPUTER SKILLS

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Programming Languages: Python, Matlab, C/C++  
Deep Learning Frameworks: PyTorch, TensorFlow  
Software & OS:  $\LaTeX$ , MS Office, Adobe Premiere, Linux