

Digital Media & Data Reconstruction Lab (DMDR Lab)

School of Electronic Information and Electrical Engineering

• About the Lab •

The DMDR Lab consists of one distinguished Professor, one Associate Professor, and one lab assistant. Besides, there are about 8 PhD students and 13 Master Degree students. Our research interests include computer graphics, image/video processing and computer vision. We have launched a joint project focused on big data of visual media intelligent generation and processing techniques with Tencent Company since 2011. We obtain some technology innovation including data reconstruction, animation generation, and visual media editing to overcome the difficulties. It has successfully been applied in movies, social networking, entertainment, internet bank and other network community intelligent services.

• About the Team •

Research areas: Computer Graphics, Image Processing, and Digital Media.

Course(s) offered: Advanced Computer Graphics.

Lizhuang Ma, Professor, PhD in Applied Math, Zhejiang University. Now he is a distinguished Professor, PhD tutor, and the head of DMDR Lab at the Department of Computer Science and Engineering, His publications include Digital Animation Creation and Post Video Processing Techniques(Shanghai Jiao Tong University Press, Aug., 2014) .Moreover ,he is leader of the NSFC key project “Techniques for Complicated Scene Modeling and Super-high Resolution Rendering”.

• Research Fields •

- Image Processing
Project funded by NSF of China, “Reverse-age face beautification based on hierarchical saliency and age evolution characteristics”.
- Digital Media
Joint project with Tencent Company, “Best image IV”, which focuses on Intelligent processing and system for Big Data of Visual media on network, e.g., face recognition techniques for internet finance

• Responsibility •

It's best to full-time.

• Eligibility •

- In principle, we recruit junior and senior students.
- Hold at least a 2.5 GPA on a 4.0 scale
- Students of non-English speaking countries must provide English language proficiency certificate, IELTS no less than 6.0, and TOEFL no less than 90 points. If you are in the college for English teaching programs, please provide relevant certificates.
- Have at least one prior research experience

• Additional Financial Support •

N/A

• Contact •

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