杨凌波

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个人简介

杨凌波，2016年本科毕业于北京大学，取得数学与应用数学学士学位。现在北京大学数字媒体研究所攻读计算机应用技术博士学位，师从马思伟教授及高文院士。研究兴趣主要包括跨媒体智能，人物动作视频生成。除学术研究外，也积极参与前沿技术的交流与传播，参加包括学术宣讲会，Github开源工程项目，以及英文学术演讲的翻译工作等。

教育背景

数字媒体研究所编码组，博士在读
北京大学 *2016年9月至今*

数学与应用数学，学士学位
北京大学 *2012年9月 - 2016年6月*

核心技能

编程语言 Python, Matlab, C++
深度学习 PyTorch, Tensorflow
数学基础 微分几何
英文水平 GRE (158+170 in 2015)

研究兴趣

- 基于姿态的人物动作视频生成
- 深度生成模型
- 人体3D姿态及体型估计

论文发表

Disentangled Human Action Video Generation via Decoupled Learning **2019**
Lingbo Yang, Zhenghui Zhao, Shiqi Wang, Shanshe Wang, Siwei Ma, Wen Gao
ICME Workshop on Visual Fashion Computing

Github开源项目

densebody_pytorch **[Project Link]**
*Pytorch*开源复现项目，基于单张图像的*3D*人体网格模型估计 *212 stars, 28 forks*

everybody_dance_now_pytorch **[Project Link]**
*Pytorch*开源项目，人体姿态迁移 *78 stars, 19 forks*

学术宣讲

人工智能前沿宣讲论坛(SFFAI)特邀分享嘉宾 **[Video Link]**
中科院自动化所 *Jan 6th, 2019*

公益服务

VALSE Webinar字幕组服务 **[Video Link]**
朱俊彦*VALSE*演讲，听译及双语字幕制作 *Feb 14th, 2019*

其它

通过第28届全国中学生物理奥赛保送入读北京大学

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Introduction

Lingbo Yang received his Bachelor's Degree in Mathematics and Applied Mathematics at Peking University. Currently he is pursuing his Ph. D. career in Computer Application Technology at the Institute of Digital Media, Peking University, under the supervision of Siwei Ma and Wen Gao.
Besides academic research, Lingbo Yang is also very enthusiastic about communicating and sharing research ideas and technological advances with the public by giving talks, creating Github open-source projects, and providing subtitling services.

Education

Ph. D. Student, Video Coding Laboratory **Beijing, China**
Peking University *Sep 2016 - Now*

B. S. of Mathematics and Applied Mathematics **Beijing, China**
Peking University *Sep 2012 - Jun 2016*

KEY SKILLS

Programming Language Python, Matlab, C++
Deep Learning Framework PyTorch, Tensorflow
Mathematical Background Differential Geometry
English Proficiency GRE (158+170 in 2015)

Current Research Interests

- Pose-guided human image/video generation
- Deep generative models
- 3D human pose and shape recovery

Publications

Disentangled Human Action Video Generation via Decoupled Learning **2019**
Lingbo Yang, Zhenghui Zhao, Shiqi Wang, Shanshe Wang, Siwei Ma, Wen Gao
ICME Workshop on Visual Fashion Computing

Github Projects

densebody_pytorch **[Project Link]**
Pytorch implementation for estimating 3D human mesh from a single image *212 stars, 28 forks*

everybody_dance_now_pytorch **[Project Link]**
Pytorch implementation for human action transfer *78 stars, 19 forks*

Talks

Invited Speaker of the Student Forum on Frontiers of AI (SFFAI) **[Video Link]**
Institute of Automation, Chinese Academy of Sciences *Jan 6th, 2019*

Non-profitable Public Services

VALSE Webinar Subtitling Service **[Video Link]**
Provide bilingual subtitles for Junyan Zhu VALSE talk *Feb 14th, 2019*

Miscellaneous

National Silver Price, Recommended for Admission by PKU **Shaanxi, China**
28th Chinese Physics Olympiad *Nov. 2011*