Lingzhi Li

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Education

Peking University   *Beijing, China*
M.S. IN SOFTWARE ENGINEERING   *Aug. 2017 - PRESENT*
- **1st** place in the graduate student entrance examination(1/175)
- GPA 3.77/4.0

Beijing Jiaotong University   *Beijing, China*
B.S. IN COMMUNICATION ENGINEERING   *Aug. 2013 - Jun. 2017*
- GPA 84.2/100

Experience

Microsoft Research Asia   *Beijing, China*
RESEARCH INTERN   *Aug. 2018 - PRESENT*
- Member of the Computer Vision group, supervised by Dong Chen. Research in deepfake detection, face replacement and semantic segmentation.

Publication

Face X-ray for More General Face Forgery Detection   *CVPR 2020*

LINGZHI LI*, JIANMING BAO*, TING ZHANG, YANG HAO, DONG CHEN, FANG WEN, BAINING GUO

FaceShifter: Towards High Fidelity And Occlusion Aware Face Swapping   *CVPR 2020*

LINGZHI LI, JIANMING BAO, YANG HAO, DONG CHEN, FANG WEN

Projects

Graph Guided Context Fusion   *Microsoft Research Asia*
FIRST CONTRIBUTOR   *Aug. 2019 - Mar. 2019*
- Achieve state-of-the-art performance in cityscapes benchmark (ranking **#3** when submitted).
- reduce time complexity of attention operation from $O(n^4)$ to $O(n^3)$ while remain the same performance

Musical Genre Classification   *TheWebConf 2018*
GROUP LEADER   *Jan. 2018 - Jan. 2018*
- build a simple yet effective music genre classification model on FMA dataset, ranking the **#5** out of 274 competitor.
- combining traditional signal processing, computer vision and deep learning to solve real world problem.

Li-Fi Audio Signal Transmission System   *Beijing Jiaotong University*
GROUP LEADER   *Jun. 2016 - Aug.2016*
- build a lossless audio transmission system with a simple desk lamp.
- we conduct every step from circuit design, welding to assembling.
- proof of both strong hardware knowledge, hands-on ability and team working.

Honors & Awards

2018	**1st,** Jane Street Electronic Trading Competition	*Beijing, China*
2018	**2nd,** Citadel Data-Open Beijing	*Beijing, China*
2018	**Merit Student,** Academic awards of Peking University	*Beijing, China*
2018	**39th/3634,** Data Science Bowl, Automate Nucleus Detection Chanllenge	*U.S.A*
2017	**5th/274,** WWW 2018 Musical Genre Classification Challenge	*Lyon, Fance*