

Yalong Liu

PERSONAL INFORMATION

PLACE AND DATE OF BIRTH: Jiangsu, P.R. China | Dec. 1994
ADDRESS: No.2 South Taibai Road, Xi'an, Shaanxi, 710071, P.R. China
E-MAIL: jamesliu2248@gmail.com
GPA: 3.61

EDUCATION

SEP.2017-PRESENT Master of Engineering in ELECTRONICS AND COMMUNICATION ENGINEERING,
School of Electronic Engineering, **Xidian University**, Xian, China
SEP.2013-JUL.2017 Bachelor of Engineering in COMMUNICATION ENGINEERING, School of
Communication Engineering, **Lanzhou Jiaotong University**, Lanzhou, China

PUBLICATIONS

Yalong Liu, Jie Li, Miaomiao Wang, Zhicheng Jiao, Jian Yang, and Xianjun Li, *Trident Segmentation CNN: A Spatiotemporal Transformation CNN for Punctate White Matter Lesions Segmentation in Preterm Neonates*. Submitted to ISBI 2020.

Yalong Liu, Jie Li, Ying Wang, Miaomiao Wang, Xianjun Li, Zhicheng Jiao, Jian Yang, and Xingbo Gao, *Refined Segmentation R-CNN: A Two-stage Convolutional Neural Network for Punctate White Matter Lesion Segmentation in Preterm Infants*. Accepted by MICCAI 2019.

Yalong Liu, Jie Li, Ying Wang, Saifei Wu, and Pei Zou, *Segmentation Model of Punctate White Matter Lesion in neonates based on Refined Deep Residual U-Net*. Accepted by the Journal of Computer Applications.

Yalong Liu, Jie Li, Ying Wang, Saifei Wu, and Pei Zou, *Segmentation of Punctate White Matter Lesion in neonates based on Refined Deep Residual U-Net*. Accepted by CCML2019.

HONORS AND AWARDS

2019 2019 National Scholarship for Master, Xidian University
2018 First-Class Graduate Scholarship, Xidian University
2018 The National Third Prize in 'The 3th China College Students' 'Internet+' Innovation and Entrepreneurship Competition'
2018 2018 Data Science Bowl, Kaggle Competition, Rating: 347/3634 top 10%
2017 Outstanding Student, Lanzhou Jiaotong University
2015 The National Second Price in '2015 National Undergraduate Electronics Design Contest'
2014 First-Class Undergraduate Scholarship, Lanzhou Jiaotong University

PROFESSIONAL SKILLS

RESEARCH INTEREST: DEEP LEARNING, IMAGE SEGMENTATION, MEDICAL IMAGE PROCESSING
SKILLS: LINUX, PYTHON, MATLAB, C
ENGLISH LEVEL: CET-4, CET-6