WEIHAO YU

`http://whyu.me`

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EDUCATION AND WORK EXPERIENCE

National University of Singapore, Singapore   *2019 - present*
Research Assistant
Supervisor: Asst. Prof Jiashi Feng
Department of Electrical and Computer Engineering

Sun Yat-sen University, China   *2017 - 2019*
Master of Engineering in Software Engineering
Supervisor: Prof. Liang Lin
School of Data and Computer Science

South China Normal University, China   *2013 - 2017*
Bachelor of Science in Opto-Electronic Information Science and Engineering
GPA: 4.08/5 (90.8/100); Ranking: 1/82 (in major class), 1/189 (in similar major classes)
Advisors: Prof. Dongmei Deng and Assoc. Prof. Yafei Yu
School of Information and Optoelectronic Science and Engineering

AWARDS

National Scholarship (top 0.5%), Ministry of Education of China   2015
National Encouragement Scholarship, Ministry of Education of China   2014, 2016
First Prize Scholarship (top 2%), South China Normal University   2014, 2015, 2016, 2017
Scholarship of China Telecom, All-China Students Federation & China Telecom   2016

PUBLICATIONS

My Google Profile: `https://scholar.google.com/citations?user=LYxjt1QAAAAJ`

* denotes equal contribution

Weihao Yu*, Zihang Jiang*, Yanfei Dong, Jiashi Feng:
ReClor: A Reading Comprehension Dataset Requiring Logical Reasoning. **ICLR** 2020
Project Page: `http://whyu.me/reclor`; Code: `https://github.com/yuweihao/reclor`

Weijiang Yu, Jingwen Zhou, **Weihao Yu**, Xiaodan Liang, Nong Xiao:
Heterogeneous Graph Learning for Visual Commonsense Reasoning. **NeurIPS** 2019

Tianshui Chen*, **Weihao Yu***, Riquan Chen, Liang Lin:
Knowledge-Embedded Routing Network for Scene Graph Generation. **CVPR** 2019
Code: `https://github.com/yuweihao/KERN`

Zhouxia Wang*, Tianshui Chen*, Jimmy S. J. Ren, **Weihao Yu**, Hui Cheng, Liang Lin:
Deep Reasoning with Knowledge Graph for Social Relationship Understanding. **IJCAI** 2018

Weihao Yu, Ruihuang Zhao, Fu Deng, Jiayao Huang, Chidao Chen, Xiangbo Yang, Yanping Zhao,
Dongmei Deng:
Propagation of Airy Gaussian Vortex Beams in Uniaxial crystals. **CPB** 2016

Fu Deng, Weihao Yu, Dongmei Deng:
Controllably Accelerating and Decelerating Airy-Bessel-Gaussian Wave Packets **LPL** 2016

Fu Deng, **Weihao Yu**, Jiayao Huang, Ruihuang Zhao, Jiong Lin, Dongmei Deng:
Propagation of Airy-Gaussian Beams in a Chiral Medium. **EPJD** 2016

Ruihuang Zhao, Fu Deng, **Weihao Yu**, Jiayao Huang, Dongmei Deng:
Propagation Properties of Airy-Gaussian Vortex Beams Through the Gradient-index Medium. **JOSA A** 2016

Jiayao Huang, Zijie Liang, Fu Deng, **Weihao Yu**, Ruihuang Zhao, Bo Chen, Xiangbo Yang, Dongmei Deng:
Propagation properties of right-hand circularly polarized Airy-Gaussian beams through slabs of right-handed materials and left-handed materials. **JOSA A** 2015

PATENTS

Weihao Yu, Jiayao Huang, Ruihuang Zhao, Weijiang Yu, Yuanghao Huang, Zhihang Wu, Zhiqiang Liao, Fu Deng:
Photoelectricity Touch Devices. CN204731762U

Liang Lin, **Weihao Yu**, and Tianshui Chen:
Image Scene Graph Generation Method and Device. Application No. 201811149481.7

Weijiang Yu, **Weihao Yu**:
High gain bandwidth product electronic amplifier device. CN205566232U

Jiayao Huang, Fu Deng, **Weihao Yu**, Ruihuang Zhao, Bo Ke, Zhiqiang Liao, Dongmei Deng:
Method and device for generating Second Order Hermitian Complex Function Gaussian Beam. CN105467608A

CONTESTS

Honorable Mention   2015, 2016
Interdisciplinary Contest in Modeling (ICM), Consortium for Mathematics and Its Applications

Second Price of Guangdong Prince   2015
National Mathematical Contest in Modeling, China Society for Industrial and Applied Mathematics

PROGRAMMING SKILLS

Python, PyTorch, TensorFlow, Latex, Matlab

MISC

One-Star Volunteer   2014
China Foundation for Poverty Alleviation

Award for excellent Performance in Volunteer Activities for the Country People   2014
South China Normal University

Hobbies: history, long-distance running, basketball and Chinese calligraphy