

EDUCATION

Johns Hopkins University

Ph.D. in Computer Science

Advisor: Prof. Alan Yuille

09/2019-Present

Johns Hopkins University

M.S. in Robotics

Advisor: Prof. Alan Yuille

GPA: 3.92/4.00

08/2017-05/2019

Beijing Jiaotong University

B.E. in Engineering Mechanics

Advisor: Prof. Yuesheng Wang

GPA: 94.38/100.00

09/2013-07/2017

PREPRINTS

Chenglin Yang, Yilin Wang, Jianming Zhang, He Zhang, Zijun Wei, Zhe Lin, Alan Yuille, Lite Vision Transformer with Enhanced Self-Attention, *Preprint* 2021. [PDF](#)

Chenglin Yang, Siyuan Qiao, Adam Kortylewski, Alan Yuille, Locally Enhanced Self-Attention: Combining Self-Attention and Convolution as Local and Context Terms, *Preprint* 2021. [PDF](#)

Christian Cosgrove, Adam Kortylewski, **Chenglin Yang**, Alan Yuille, Robustness Out of the Box: Compositional Representations Naturally Defend Against Black-Box Patch Attacks, *Preprint* 2020. [PDF](#)

Chenglin Yang, Yilin Wang, Jianming Zhang, He Zhang, Zhe Lin, Alan Yuille, Meticulous Object Segmentation, *Preprint* 2020. [PDF](#)

PUBLICATIONS

Adam Kortylewski, Ju He, Qing Liu, Christian Cosgrove, **Chenglin Yang**, Alan Yuille, Compositional Generative Networks and Robustness to Perceptible Image Changes, *CISS* 2021. [PDF](#)

Chenglin Yang, Adam Kortylewski, Cihang Xie, Yinzhi Cao, Alan Yuille, PatchAttack: A Black-box Texture-based Attack with Reinforcement Learning, *ECCV* 2020. [PDF](#)

Chenglin Yang, Lingxi Xie, Chi Su, Alan Yuille, Snapshot Distillation: Teacher-Student Optimization in One Generation, *CVPR* 2019. [PDF](#)

Chenglin Yang, Lingxi Xie, Siyuan Qiao, Alan Yuille, Knowledge Distillation in Generations: More Tolerant Teachers Educate Better Students, *AAAI* 2019. [PDF](#)

Tianyu Song[†], **Chenglin Yang**[†], Omid Dianat, Ehsan Azimi, Endodontic Guided Treatment Using Augmented Reality on a Head-Mounted Display System, *IET Research Journals*, *MICCAI* 2018 Workshop. **Outstanding Paper Award**. [PDF](#) [†]: equally contributed

Cheng-Lin Yang, Sheng-Dong Zhao, Yue-Sheng Wang, Experimental evidence of large complete bandgaps in zig-zag lattice structures, *Ultrasonics*, 74 (2017) 99-105. [PDF](#)

PRESENTATION

Oral presentation: **Chenglin Yang**, Shengdong Zhao, Yuesheng Wang: Numerical and experimental research on bandgaps of two-dimensional phononic crystal slabs with rotational cross-like holes, the 5th Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS2016), Oct. 14-17, 2016.

HONORS & AWARDS

Outstanding Paper Award, 2018

12th Joint MICCAI 2018 Workshop on Augmented Environments for Computer Assisted Interventions and Cerebral Visualization

National Scholarship, 2015, 2016

The Ministry of Education of the Peoples Republic of China

Excellence Award, National Pei-Yuan Chou College Student Mechanics Competition

Chinese Society of Theoretical and Applied Mechanics

Outstanding Graduate

Beijing Municipal Commission of Education

First Class, Academic Excellent Student Scholarship

Beijing Jiaotong University