Songyang Zhang

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<small>RESEARCH INTERESTS</small>

Semantic Segmentation, Meta Learning, Object Detection

<small>EDUCATION</small>

ShanghaiTech University, Shanghai, China

M.S., School of Information Science and Technology, *Expected:* Summer 2020
- Advisors: Xuming He, Ph.D

Beihang University, Beijing, China

B.S., School of Electronics and Information Engineering , June 2017
- Advisors: Mai Xu, Ph.D

<small>RESEARCH EXPERIENCE</small>

Research Assistant — July 2017 to present
VENUS Group,
ShanghaiTech University
Supervisor: Xuming He, Ph.D

Algorithm Intern — January 2017 to June 2017
Algorithm Research Group,
TuSimple, Inc
Supervisors: Naiyan Wang, Ph.D

Research Assistant — July 2016 to December 2016
Communication and Signal Processing Lab,
Beihang University
Supervisors: Mai Xu, Ph.D and Yufan Liu, M.S.

Research Assistant — December 2015 to June 2016
Virtual Reality Lab,
Beihang University
Supervisors: Xinxin Yang, Ph.D and Weimin Diao, M.S.

<small>REFEREED PUBLICATIONS</small>

1. Liu, Y., **Zhang, S.**, Xu, M. and He, X., 2017, July. Predicting salient face in multipleface videos. *In Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition* (pp. 4420-4428).

<small>TECHNICAL REPORTS</small>

1. Song, Y., Xu, M., **Zhang, S.** and Huo, L., Generalization Tower Network: A Novel Deep Neural Network Architecture for Multi-Task Learning. *eprint arXiv:1710.10036*

<small>PAPERS IN PREPARATION</small>

1. Yan, S*., **Zhang, S*.** and He, X. "Meta-learning with Spatial-Task Attention."

<small>AWARDS</small>

Competition Awards
- Challenge-Cup National College Student Business Plan Competition — Jun 2016
  Achievement: National 1st Prize in the final
- Mathematical Contest In Modeling,2016 — Apr 2016
  Achievement: Honorable Prize
- National Cryptology Contest for Undergraduate — Nov 2015
  Achievement: National 1st Prize in the final
- National Electronic Design Contest for Undergraduate — Sept 2015
  Achievement: National 2nd Prize in the final
- China Undergraduate Mathematical Contest in Modeling — Sept 2014
  Achievement: Beijing 1st Prize in the final

Student Awards — Beihang University, Division of Biostatistics
- Outstanding Graduates Award(Beijing)   Jun 2017
- The First Prize Scholarship(University)   Oct 2016

SERVICE   President, Association for Electronic Science   Sep. 2015 – June. 2016
and Technology in Beihang University.

President, Association for Tencent School Stars   Sep. 2014 – June. 2015
in Beihang University.

REFERENCES   Xuming He
     Associate Professor   E-mail: hexm@shanghaitech.edu.cn
     School of Information Science and Technology
     ShanghaiTech University

Naiyan Wang
     Principal Scientist   E-mail: winsty@gmail.com
     Algorithm Research Group(Beijing)
     TuSimle, Inc.

Mai Xu
     Associate Professor   E-mail: MaiXu@buaa.edu.cn
     School of Electronics and Information
     Beihang University