PEIJUN BAO

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RESEARCH INTEREST

My research interest is on computer vision and machine learning problems in general. Especially, I am interested in the tasks of video understanding such as video classification, localization and grounding.

EDUCATION

Peking University, Beijing, China September 2018 - Present
Master Student in Computer Science

Technical University of Madrid, Madrid, Spain September 2016 - March 2017
Visiting Student, Sponsored by China Scholarship Council

Northwestern Polytechnical University, Xi'an, China September 2014 - July 2018
Bachelor Student in Computer Science *GPA: 90.6/100 Ranking 1/27*
Selected Courses with Grade A/A+: Mathematical Analysis, Linear Algebra, Probability Theory, Ordinary Differential Equations, Numerical Methods, Signal and System, Operating System, Data Mining, etc.

RESEARCH EXPERIENCE

Machine Intelligence Lab at Peking University
September 2018 - Present
Supervisor: Prof. Mu Yadong

Medical Image Processing Lab at Northwestern Polytechnical University
June 2015 - July 2018
Supervisor: Prof. Yong Xia

PUBLICATION

Dense Events Grounding in Video
Peijun Bao, Qian Zheng and Yadong Mu
The 35th AAAI Conference on Artificial Intelligence, 2021 [pdf]

Learning Sample Importance for Cross-Scenario Video Temporal Grounding,
Peijun Bao, and Yadong Mu
submitted to IJCAI 2021

Tiny Hand Gesture Recognition without Localization via a Deep Convolutional Network,
Peijun Bao, Ana I. Maqueda, Carlos R. del-Blanco and Narciso García
IEEE Transactions on Consumer Electronics, 2018 [pdf]

HONOR & AWARDS

Merit student, Northwestern Polytechnical University
Honors scholarship, Northwestern Polytechnical University
Exchange Student Scholarship, China Scholarship Council