Bowen Zhang

CONTACT
INFORMATION

Master Student
Department of Computer Science
College of Electronics and Information Engineering
Tongji University
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RESEARCH
INTERESTS

Computer vision in video classification and machine learning: Trajectory-based descriptors, Bag-of-Words encoding(Fisher Vector, Vector of Locally Aggregated Descriptors), Spatial-temporal modeling, Scale modeling, Deep neural network, Action Recognition in 3D videos.

EDUCATION

Tongji University, Shanghai, China

Master of Engineering, Computer Engineering, 9/2014 -

- Supervisor: Professor Hanli Wang
- Area of Study: Computer Vision and Machine Learning
- GPA: **96.9 / 100**

Bachelor of Engineering, Computer Science and Technology, 9/2010 - 6/2014

- Elite class of enhancement on Mathematics (Major in Computer Science)
- Thesis: *Video classification based on trajectory and pyramid techniques.* (in Chinese)
- Adviser: Professor Hanli Wang
- Overall GPA: **4.52 / 5.0(Top 5%)**
- Overall GPA on 100 basis: **90.23 / 100**
- Minor in Applied Mathematics (Tongji University)
- Minor in Deutsch (Shanghai International Studies University)

PUBLICATIONS

[1] **Bowen Zhang**, Yun Yi, Hanli Wang, and Jian Yu, MIC-TJU at MediaEval Violent Scenes Detection (VSD) 2014, *MediaEval 2014 Workshop*, Barcelona, Spain, Oct.16-17, 2014.

HONORS AND
AWARDS

Academic
[1] Best undergraduate thesis of Tongji University (**Top 2%**)

[2] Merit student of Tongji University

[3] Be recommended for graduation school with excellent grade (**Top 10%**)

Contest
[4] The Mathematics Contest in Modeling (MCM) *Honorable mention*

[5] Contemporary Undergraduate Mathematical Contest in Modeling (CUMCM) *Third Prize of Shanghai*

[6] Tongji University Mathematical Contest in Modeling *Second Prize*

[7] Programming Contest of Tongji University *Second prize* (twice)

Scholarship
[8] Fellowship for master degree

[9] Volkswagen Scholarship

[10] Second-class scholarship for Academic Excellence of Tongji University (Twice)

[11] Third-class scholarship for Academic Excellence of Tongji University (Once)

CODING SKILLS

C/C++, OpenCV, Matlab