HaoYang

Ph.D of Software Engineering · Tsinghua University

contact

(+86)13811900485
yangh2007@gmail.com
yanghao14@
mails.tsinghua.edu.cn

East main building,
Section 10, Room 410
Tsinghua University
Beijing

languages

Chinese: mother tongue
English: fluency

programming

♥ C/C++,
MATLAB, Java

GPA rank

Undergraduate: 16/66
Graduate (1st year): 23/211

other skills

Blender
Adobe Photoshop
…

webpage

howyoung.info/about

education

2011–Now	**Ph.D candidate** of Software Engineering	at School of Software, Tsinghua University
	specialization in single view 3D reconstruction	
2007–2011	**Bachelor** of Computer Science	at School of Software, Tsinghua University

publications

2016	**Efficient 3D Room Shape Recovery from a Single Panorama**
	accepted as *Oral* by Computer Vision and Pattern Recognition 2016
2014	**Modeling Room Structure from Indoor Panorama**
	proceedings of the 13th ACM SIGGRAPH International Conference on Virtual-Reality Continuum and its Applications in Industry. ACM, 2014.
2013	**Indoor Structure Understanding from Single $360°$ Cylindrical Panoramic Image**
	Computer-Aided Design and Computer Graphics (CAD/Graphics), 2013 International Conference on. IEEE, 2013.

projects

2016–Now	**Automatic Reconstruction of Line Drawings**	at Institute of CAD/G, Tsinghua University
	as project leader, main researcher/developer	
2015	**Automatic Room Shape Recovery from a Single Indoor Panorama**	
	as project leader, main researcher/developer	
2013-2014	**A System for Modeling 3D Room Structures based on a Single Panorama**	
	as project leader, main researcher/developer	
2014	**A Location Based Real-Time 360 Virtual Tour System**	
	as researcher/developer	
2010-2011	**The Ghost: A Cheap 3D Display System**	at team: Tsinghua BOB
	as researcher/developer	

awards

2014	**Thunisoft Scholarship (1st Prize)**
2011	**The Grand Price of Global NI LabVIEW Student Design Competition** held by the NI corp.
	The Grand Prize of the 1st Virtual Instrument Contest in China
	held by the China Instrument and Control Society
	all awarded to the single winner team (Tsinghua BOB)
2010	**The First Prize of the 29th Challenge Cup Competition of Tsinghua University**

part-time

| 2014, 2015 | **Digital Media (1): Graphics and Animation** | at School of Software, Tsinghua University |
| | as teaching assistent | |