

## Xiaolong ZHU

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CONTACT INFORMATION	Room 411, CYC Bldg Department of Computer Science The University of Hong Kong Hong Kong SAR	Mobile: +852-9768-5403 MSN: <a href="mailto:lucienzhu@hotmail.com">lucienzhu@hotmail.com</a> E-mail: <a href="mailto:lucienzhu@gmail.com">lucienzhu@gmail.com</a> WWW: <a href="http://xiaolongzhu.org">xiaolongzhu.org</a>
RESEARCH INTERESTS	Computer Vision, including <i>Motion Capture</i> , <i>Gesture Recognition</i> ; Machine Learning, including <i>Random Forest</i> , <i>Boosting Methods</i> .	
EDUCATION	<b>The University of Hong Kong</b> , Hong Kong SAR, P.R.China Ph.D. Candidate, <i>Computer Science</i> , <b>September 2010 - present</b> <ul style="list-style-type: none"><li>• Adviser: Dr. Kenneth K. Y. Wong</li><li>• Area of Study: Computer Vision</li></ul> <b>Peking University</b> , Beijing, P.R.China B.S., <i>Machine Intelligence</i> <b>September 2006 - June 2010</b> <ul style="list-style-type: none"><li>• Thesis Title: Segmentation and Classification of Range Image.</li><li>• <i>Excellent Undergraduate Thesis Award</i>.</li><li>• Advisor: Dr. Huijing Zhao</li></ul>	
PUBLICATIONS	Zhihu Chen, Kwan-Yee K. Wong, Yasuyuki Matsushita, <b>Xiaolong Zhu</b> , Miaomiao Liu. Self-Calibrating Depth from Refraction. <i>IEEE International Conference on Computer Vision (ICCV)</i> , 2011. <b>Xiaolong Zhu</b> , Huijing Zhao, Yiming Liu, Yipu Zhao, Hongbin Zha. Segmentation and Classification of Range Image from an Intelligent Vehicle in Urban Environment. <i>IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)</i> , 2010. Huijing Zhao, Yiming Liu, <b>Xiaolong Zhu</b> , Yipu Zhao, Hongbin Zha. Scene Understanding in a Large Dynamic Environment through a Laser-based Sensing. <i>IEEE International Conference on Robotics and Automation (ICRA)</i> , 2010.	
HONORS & AWARDS	<ul style="list-style-type: none"><li>• Studentship of the University of Hong Kong, 2010-2012</li><li>• Top 10 Undergraduate Thesis, School of EECS in Peking University, 2010</li><li>• Wusi Scholarship in Peking University, 2009</li><li>• Outstanding Volunteer in Beijing 2008 Olympic Games, 2008</li><li>• First Class Honor in China Physics Olympic Games, Gansu, 2006</li></ul>	
EXPERIENCE	<b>The University of Hong Kong</b> , Hong Kong SAR, P.R.China <i>Teaching Assistant</i> <b>September 2011 - December 2011</b> <ul style="list-style-type: none"><li>• Assisted Dr. Chun Kit Chui in Computer Programming and Applications.</li><li>• Provided office hours to first-year engineering students.</li><li>• Graded assignments on programming.</li></ul> <i>Teaching Assistant</i> <b>September 2010 - December 2010</b> <ul style="list-style-type: none"><li>• Assisted Dr. Kenneth K.Y. Wong in Computer Programming and Applications.</li><li>• Provided office hours and tutorials to first-year engineering students.</li><li>• Graded assignments on programming.</li></ul>	

**Peking University,**

Beijing, P.R.China

*Undergraduate Research Assistant*

**September 2008 - June 2010**

- Participated in the *POSS* project, in 3D VCR Lab,
- Analyzed range data using computer vision methods.

PROFESSIONAL  
EXPERIENCE

**NetEase R&D.,**

Beijing, P.R.China

*Software Engineer Intern*

**June 2010 - August 2010**

- Coded web front-end of a Location-based Social Network Service
- Cooperated with web designer.

TECHNICAL SKILLS

- Programming in: C/C++, Matlab, Python, JavaScript
- Basic Experience in: jQuery/HTML/CSS, Processing, Java, UNIX Shell scripting
- Operating Systems: Microsoft Windows family, Mac OS X, Linux Ubuntu