

# XIAOLONG ZHU

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## EDUCATION

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<b>The University of Hong Kong (HKU)</b> Ph.D. Candidate in Computer Science	Sep 2010 - Mar 2015 ( <i>est.</i> ) <i>Hong Kong</i>
<b>Peking University (PKU)</b> B.S. in Intelligence Science and Technology	Sep 2006 - Jun 2010 <i>Beijing, China</i>

## RESEARCH EXPERIENCE

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<b>Department of Computer Science, HKU</b> <i>Research Student, Computer Vision Group</i>	Sep 2010 - <i>Present</i> <i>Hong Kong</i>
<ul style="list-style-type: none"><li>· Analyze hand postures with machine learning models, <i>e.g.</i>, Random Forests, SVM and RBM;</li><li>· Cooperated with my colleagues on <i>facial landmark localization</i> and <i>depth from refraction</i>;</li><li>· Published three papers, one in progress, and presented my work on three international conferences.</li></ul>	
<b>Center for Information Science, PKU</b> <i>Undergraduate Research Assistant, 3DVCR Lab</i>	Sep 2008 - Jun 2010 <i>Beijing, China</i>
<ul style="list-style-type: none"><li>· Performed semantic labeling for range data obtained from an intelligent car in POSS group;</li><li>· Registered range data with image points by camera calibration;</li><li>· Published two papers in top conferences on Robotics.</li></ul>	

## INTERNSHIP EXPERIENCE

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<b>Lenovo IVC Lab</b> <i>Research Intern</i>	Jun 2013 - Aug 2013 <i>Hong Kong</i>
<ul style="list-style-type: none"><li>· Innovated new ways of image searching for touch devices;</li><li>· Designed an image retrieval prototype and demonstrated it to CTO of Lenovo Group.</li></ul>	
<b>Microsoft Research Asia (MSRA)</b> <i>Research Intern, HCI Group</i>	Jun 2012 - Sep 2012 <i>Beijing</i>
<ul style="list-style-type: none"><li>· Cooperated with HCI researchers and designer on interaction design for gesture recognition;</li><li>· Designed and implemented a kinect prototype of in-air gesture recognition with visual feedback.</li></ul>	
<b>Youdao.com</b> <i>Software Engineer Intern, Mobile Group</i>	Jun 2010 - Aug 2010 <i>Beijing</i>
<ul style="list-style-type: none"><li>· Took charge of front-end development of web interface for an LBS application;</li><li>· Cooperated with web designers and back-end developers to put it online.</li></ul>	

## OTHER HIGHLIGHTS

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<b>Languages</b>	Mandarin ( <i>Native</i> ), English ( <i>Fluent</i> ), Cantonese ( <i>Basic</i> ).
<b>Technologies</b>	Programming in: Matlab, C/C++, JavaScript/HTML/CSS; Basic Experience in: Python, Java/C#, UNIX Shell; Operating Systems: Mac OS X, Microsoft Windows.
<b>Awards</b>	Top 10 Undergraduate Theses, School of EECS in PKU, 2010; Third Prize, RoboCup Rescue, Hunan China, 2010; Wusi Scholarship in PKU, 2009; Outstanding Volunteer in Beijing 2008 Olympic Games, 2008; First Class Honor in China Physics Olympic Games, Gansu, 2006.
<b>Activities</b>	Member of Block B Play Group, Residential College, 2014- <i>present</i> ; Member of Information Technology Committee of HKU, 2012-2014; IT Officer of Postgraduate Association (PGSA) of HKU, 2011-2013; Volunteer as Media Assistant for Journalists in Games of the XXIX Olympiad, 2008.
<b>Interests</b>	Swimming, Football, Board Game, Hiking.