

XIAOLONG ZHU

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EDUCATION

The University of Hong Kong (HKU)

Ph.D. Candidate in Computer Science

Sep 2010 - Mar 2015 (*est.*)

Hong Kong

Peking University (PKU)

B.S. in Machine Intelligence

Sep 2006 - Jun 2010

Beijing, China

RESEARCH EXPERIENCE

Department of Computer Science, HKU

Research Student, Computer Vision Group

Sep 2010 - *Present*

Hong Kong

- Analyze hand postures with machine learning models, *e.g.*, Random Forests, SVM and RBM;
- Cooperated with my colleagues on *facial landmark localization* and *depth from refraction*;
- Published three papers, one in progress, and presented my work on three international conferences.

Center for Information Science, PKU

Undergraduate Research Assistant, 3DVCR Lab

Sep 2008 - Jun 2010

Beijing, China

- Performed semantic labeling for range data obtained from an intelligent car in POSS group;
- Registered range data with image points by camera calibration;
- Published two papers in top conferences on Robotics.

INTERNSHIP EXPERIENCE

Lenovo IVC Lab

Research Intern

Jun 2013 - Aug 2013

Hong Kong

- Innovated new ways of image searching for touch devices;
- Designed an image retrieval prototype and demonstrated it to CTO of Lenovo Group.

Microsoft Research Asia (MSRA)

Research Intern, HCI Group

Jun 2012 - Sep 2012

Beijing

- Cooperated with HCI researchers and designer on interaction design for gesture recognition;
- Designed and implemented a kinect prototype of in-air gesture recognition with visual feedback.

Youdao.com

Software Engineer Intern, Mobile Group

Jun 2010 - Aug 2010

Beijing

- Took charge of front-end development of web interface for an LBS application;
- Cooperated with web designers and back-end developers to put it online.

OTHER HIGHLIGHTS

Languages Mandarin (*Native*), English (*Fluent*), Cantonese (*Basic*).

Technologies Programming in: Matlab, C/C++, JavaScript/HTML/CSS;
Basic Experience in: Python, Java/C#, UNIX Shell;
Operating Systems: Mac OS X, Microsoft Windows.

Awards 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.

Activities Member of Block B Play Group, Residential College, 2014-*present*;
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.

Interests Swimming, Football, Board Game, Hiking.