

ZHAOQIANG(KEVIN) LAI

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OBJECTIVE

Seek a fulltime software developer position allowing me to utilize my knowledge and expertise

HIGHLIGHT

Ph.D.(ABD) in CS with excellent academic record, a motivated quick learner with strong C/C++ programming experience

EDUCATION

Ph.D. student of Computer Science Wayne State University, Computer Science Department, Detroit, MI	Sep 2006-Present
Master of Pattern Recognition and Intelligent System Huazhong University of Science and Technology (HUST), Wuhan, China	Sep 2003-Jun 2006
Bachelor of Computer Science and Technology Huazhong University of Science and Technology (HUST), Wuhan, China	Sep 1999-Jun 2003

PROFESSIONAL/RESEARCH EXPERIENCE

- 08/2010–current **Research Assistant, Graphics & Image Lab, Wayne State University**, Detroit, MI
- Multi-camera 3D surveillance system: auto camera calibration and cross camera object tracking.
(VC++, OpenCV, MATLAB, Blender 3D, Python)
- 08/2009–07/2010 **Research Assistant, Graphics & Image Lab, Wayne State University**, Detroit, MI
- Colon diagnosis system: colon segmentation and colon registration for pseudo-polyps reduction in virtual colonoscopy.
(VC++, OpenGL, VTK, ITK, QT)
- 08/2008–07/2009 **Research Assistant, Graphics & Image Lab, Wayne State University**, Detroit, MI
- Conducting research on a novel surface matching and visualization framework through the shape vector image diffusion.
(VC++, OpenGL, VTK, MATLAB)
- 01/2007–07/2008 **Research Assistant, Graphics & Image Lab, Wayne State University**, Detroit, MI
- Visual scientific Workflow Management system (*VIEW*) and medical application is implemented for human brain.
(C#, SQL, VC++, OpenGL, VTK)

COMPUTER SKILLS

Languages: C/C++, C#, SQL, Matlab, MFC, Python, UML **Tools:** VSS, SVN, Photoshop, Premiere, Blender 3D, Office
Packages: OpenGL, OpenCV, VTK, ITK, QT, CUDA, OGRE **Operating Systems:** Microsoft Windows, Unix, Linux

HONORS AND AWARDS

- MICCAI Society Student Travel Grant 2010.
- Best Research Assistant of CS Department of Wayne State University, 2008 – 2009.
- Graduate Student Professional Travel Award (Twice, Highly Selective), Wayne State University, Detroit, MI, 2008, 2010.
- Competitive Thomas C. Rumble Fellowship Award of Wayne State University, 2006 – 2007.
- Excellent Student Award (Four Times, Highly Selective), HUST, 2000, 2001, 2002, 2004.