Zongsheng Wang

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Research Interests	- Computer Graphics (Physics Simulation, GPU Programming, Virtual Reality, Human-Computer Interaction) - Machine Learning

Education

Hallym University, Chuncheon, South Korea — Mar. 2012 - Feb. 2014
- Master of Engineering in computer engineering
- Advisor: Prof. Dr. Chang Geun Song
- Thesis title: *GP-GPU based Smoothed Particle Hydrodynamic Fluid Simulation*
- GPA: 4.38/4.5

Hallym University, Chuncheon, South Korea — Mar. 2010 - Feb. 2012
- Bachelor of Engineering in computer engineering, with title "Outstanding Graduates"
- Yantai University - Hallym University Joint Program (3+2)
- GPA: 4.27/4.5; Rank: 2/71

Working Experience

Weifang Maternity and Child Care Hospital, China — May. 2014 - present
- Department: Information Management Section
- Title: Software Engineer

Teaching Experience (TA)

Computer Graphics	Spring Semester 2013
Smartphone Programming (iOS)	
Game Programming (DirectX 11)	Autumn Semester 2012
Smartphone Programming (iOS)	
Computer Programming (Java)	Spring Semester 2012
Data Structure	

Honors and Awards

Teaching Assistant Scholarship, Hallym University	2012-2013
Outstanding Graduates, Hallym University	2012
Outstanding Performance Scholarship, Hallym University	2010, 2011

Skills and Interests

Professional Skills
   C/C++, Matlab, Java, JavaScript, OpenGL, CUDA, OpenCV, Unity3D
Language
   Mandarin(native), Korean(fluent), English(literacy)
Interests
   Soccer, Backpacking, History

Publications

- **Zongsheng Wang** (2013).   GP-GPU based Smoothed Particle Hydrodynamic Fluid Simulation, Master Thesis.
- **Zongsheng Wang**, Ji-Hoon Choi, Youngwoong Ko, Chang Geun Song, "Using a Smart Phone as input device for PC", The 2012 international Workshop on Advanced Image Technology (IWAIT) 2012 Proceedings, p 824-828, Ho Chi Minh City University of Technology and Faculty of Electrical and Electronics Engineering, Ho Chi Minh City, Vietnam, Jan 9-10, 2012.

- **Zongsheng Wang**, Jin-Han Kim, Jun-Il Park, Sun-Jeong Kim, Chang Geun Song, "Implementation of Unity3D and Kinect Based Gesture Recognition Application", HCI 2013 Proceeding, pp659-662, High One Resort, Gangwon, Korea, Jan 30-Feb 1, 2013 (in Korean)
- **Zongsheng Wang,** JinHan Kim, SunJeong Kim, ChangGeun Song, "Archery Application in Virtual Environment", KCC2013 Conference, p182-184, Sangji University, Wonju, Korea, Jun 15, 2013 (in Korean)
- Jin-Han Kim, Jun-Il Park, **Zongsheng Wang**, Sun-Jeong Kim, Chang Geun Song, "Image Segmentation System Using 3D Histogram", Proceedings of the 39th KIISE Fall Conference(C), p194-196, Chungnam National University, Daejeon Metropolitan City, Korea, Nov 23-24, 2012 (in Korean)
- Jun-Il Park, Jin-Han Kim, **Zongsheng Wang**, Sun-Jeong Kim, Chang Geun Song, "An Alternative Proposal Open Weather Information by Using JSON API", Proceedings of the 39th KIISE Fall Conference(D), p102-104, Chungnam National University, Daejeon Metropolitan City, Korea, Nov 23-24, 2012 (in Korean)

References
Chang Geun Song, Professor, Hallym University   cgsong@hallym.ac.kr
Sun-Jeong Kim, Associate Professor, Hallym University   sunkim@hallym.ac.kr