

Young In Yeo

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Gainesville, FL 32608

Education

- 2005.8-Present University of Florida, Ph.D in Computer Science
- 2003.3-2005.8 KAIST, M.S. in Computer Science
Thesis "A Data-Driven Method for the 3D Avatars Creation from Photos"
- 1996.3-2002.8 Yonsei University, B.S. in Computer Science
High Honor Student for spring 2000, Honor Student for fall 2000, Merit-based scholarship for three semesters.

Work & Project Experience

- 2008.1-Present TIPS (Toolkit for Illustration of Procedures in Surgery) project, UF
- 2007.5-2007.8 Summer internship at ATI AMD (position offered). Orlando, USA
DX10 programming for approximation of subdivision surfaces on GPU
- 2004.3-2004.6 Motion capture system project, KAIST
Improved motion data flow.
- 2003.5-2003.8 10 years after project, KAIST
Developed markers detection using a web camera
- 2001.3-2001.8 DB system development, Yonsei University
Participated in building a new database system for the student health insurance department using MFC with ODBC
- 1997.6-1999.8 Mandatory military service as an auxiliary police officer
Took charge of the vehicle enforcement system by enforcing both signal and speed violation, and monitoring simultaneously. Digital image processing and automatic recognition of violating vehicle plate numbers were used for the system

Teaching Experience

- 2007.8-2007.12 TA for Computer Graphics, UF
- 2007.1-2007.5 GA at Academic Tutoring Center, UF

2003.9-2003.12 TA for Programming Principle, KAIST
2003.3-2003.6 TA for Database Systems, KAIST

Publications

["3D Body Reconstruction from Photos Based on Range Scan Data"](#), H. Seo, Young In Yeo, K. Wohn, International conference on research and development on E-Learning and digital entertainment (Edutainment) 2006, April 16-18, Zhejiang University, China

["A Data-Driven Shape Model for Human Body Reconstruction from Photos"](#), H. Seo, Young In Yeo, K. Wohn, International Conference on Computer Animation and Social Agents (CASA) 2005, October 17-19, Hong Kong, China

["A Data-Driven Approach to 3D Avatar Creation from Photos"](#), Young In Yeo, H. Seo, K. Wohn, Proc. Korea Computer Congress 2005, July 6-8, PyeongChang, Korea

Computing Skills

Programming Languages: C, C++, Java
API and others: OpenGL, Haptic devices, DirectX, MATLAB, SQL

Research Interests

Computer graphics
Virtual environment
Geometric modeling
GPU technologies
Rapid Design of complex geometry
Haptic rendering