

Thesis Students Supervised

| NAME | DEGREE | THESIS TITTLE | DATE |
|--------------------|--------|---|-----------------|
| Pandey, Arvind | M.S. | <i>A Study on Using Structured Lighting to Analyze Time Varying Image Sequences</i> | July, 1989 |
| Cheng, David I. | M.S. | <i>3D Shape Construction and Recognition by Fusing Intensity and Structured Lighting</i> | June, 1990 |
| Delucia, Dante | M.S. | <i>The Vision Workbench</i> | June, 1990 |
| Karandikar, Nitin | M.S. | <i>Analysis of Video Image Sequences Using Point and Line Correspondences</i> | July, 1990 |
| Huynh, Duong Le | M.S. | <i>PIX: A PHIGS Interface to X</i> | September, 1991 |
| Yang, Simon | M.S. | <i>Error Analysis of 3D Model Construction and Recognition from Structured Lighting</i> | September, 1991 |
| Southard, Jonathan | M.S. | <i>An Object-Oriented Software Architecture for Photorealistic Rendering</i> | September, 1992 |
| Lee, Jeng-Feng | Ph.D. | <i>A Physically-Based Scheme for 3D Surface Reconstruction, Representation, and Recognition</i> | June, 1993 |
| Roy, Indrajit | M.S. | <i>Near Real-Time Physically-Based Animation of Articulated Rigid Bodies</i> | July, 1993 |
| Rhodes, Matthew | M.S. | <i>WEB: A Computer Simulation of the Web-Creation Process of the Garden Cross Spider</i> | February, 1995 |
| Zhang, Henry | M.S. | <i>Study of a Novel Adaptive Vision Algorithm</i> | June, 1995 |
| Lee, CheolWhan | Ph.D. | <i>Scheduling for Parallel Computer Vision and Image Processing Operation</i> | March, 1996 |
| Wu, Mark | M.S. | <i>3D Shape and Motion Analysis from Image Blur and Smear: A Unified Approach</i> | June, 1997 |
| Xiong, Pan | M.S. | <i>Study of a Novel Genetic Algorithm with a Perturbation Operator</i> | June, 1997 |
| DeCastro, Alex | M.S. | <i>Web-based Collaborative 3D Modeling</i> | December, 1998 |
| Chade-Meng, Tan | M.S. | <i>Finding and Using High Quality Word-Pairs for Enhanced Text Categorization</i> | June, 2000 |
| Krushner, Doug | M.S. | <i>Bion: An Implantable Neural Stimulation Device</i> | June, 2002 |

| NAME | DEGREE | THESIS TITTLE | DATE |
|-----------------|--------|--|-------------------------|
| Alferez, Ronald | Ph.D. | <i>Object Recognition using Local Invariants and Global Models</i> | August, 2002 |
| Koppel, Dan | M.S. | <i>Viewing Enhancement in Video-Endoscopy</i> | December, 2002 |
| Can, Tolga | M.S. | <i>Fast Protein Visualization Using Java3D</i> | December, 2003 |
| Can, Tolga | Ph.D. | <i>Efficient and Automated Analysis of Protein Structures</i> | August, 2004 |
| Koppel, Dan | Ph.D. | <i>The Use of Computer Vision Algorithms and Deformable Modeling to Improve the Endoscopic-Video Interface</i> | October, 2006 |
| Dusty, Sargent | Ph.D. | <i>Tracker-Endoscope Calibration for Colonoscopy</i> | September, 2008 |
| Changmin, Tsai | Ph.D. | <i>A Framework for Computing Dense Optical Flow Fields with Flexible and Robust Regularization</i> | September, 2009 |
| Chao-I, Chen | Ph.D. | <i>Automated Model Building from Video in Computer-Aided Diagnosis in Colonoscopy</i> | November 2009 |
| Xin Mao | M.S. | <i>Study on the GPU-boosted Image Feature Detection</i> | December 2009 |
| Yi, Gong | Ph.D. | - | August, 2011 (expected) |