

**Santhosh Kodipaka**  
1111 SW 16th AVE 38  
Gainesville, FL 32601

352.328.1492  
snsk@cise.ufl.edu

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## Research Interests

- Machine Learning, Medical Image Analysis and Computer Vision.

## Education

- **University of Florida** Gainesville, FL  
Ph.D., Computer Engineering (GPA 3.83) (Fall 2003 - )  
• A Novel Conic Section Classifier (working title)  
Chair: Prof. Baba C. Vemuri, Co-chair: Dr. Arunava Banerjee
- **International Institute of Information Technology** Hyderabad, INDIA  
B.Tech., Computer Science and Engineering (GPA 3.81) (Fall 1999 - Spring 2003)  
Honors in Visual Information Processing

## Experience

- **Research Assistant, CVGMI, UF**  
• Supervisor: Prof. Baba C. Vemuri (Summer 2005 - present)  
Center for Vision, Graphics, and Medical Imaging
- **Teaching Assistant, CISE, UF**  
• Digital Image Processing, Numerical Analysis, Data Structures,  
Computer Architecture, and Programming in C. (Fall 2003 - Spring 2005)

## Publications

- S. Kodipaka, A. Banerjee, B. C. Vemuri,  
Large Margin Pursuit for a Conic Section Classifier, (June 2008)  
CVPR 2008
- S. Kodipaka, B. C. Vemuri, A. Rangarajan, *et al.*  
Kernel Fisher Discriminant for Shape-based Classification in Epilepsy, (Feb 2007)  
Medical Image Analysis, Vol 11(1) 2007: 79-90.
- A. Banerjee, S. Kodipaka, B. C. Vemuri,  
A Conic Section Classifier and its Application to Image Datasets, (July 2006)  
CVPR (1) 2006: 103-108

## Skills

- Languages: C, C++, Java, Perl, PHP, BASH,  $\LaTeX$
- Operating Systems: Linux, Solaris, Windows XP/NT
- Applications/API: MATLAB/Mex, OpenGL, ITK, QT, CVS, Apache/MySQL

## Miscellaneous

- Reviewed for CVPR06, T-PAMI, MICCAI07, SSVM07, and EMMCVPR05
- Hobby pursuits include Internet Programming and Painting.  
Climbed Mt.Sandakpu (11922 ft.) - HMI, Darjeeling, India (Jan 1997)