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Ratnesh Kumar, PhD

CONTACT INFORMATION	Teradeep, Campbell, CA	mobi
	USA	e-mail: ratnes
	Webpage	

RESEARCH INTERESTS   Computer Vision, Pattern Recognition, Machine Learning, Image Processing

SUMMARY

- Proposed new solutions in the domain of video understanding.
- Worked on complete pipeline for a typical computer vision system, from detecting actions.
- In-depth theoretical and practical knowledge about machine learning and cc
- Built systems in C/C++, with considerations towards meeting time-criticali
- Deeply motivated and passionate for modeling core computer vision problen

EDUCATION

Inria, Sophia Antipolis, France

Ph.D, Computer Science   **Feb**

University of Florida, Gainesville, USA

Master of Science, Electrical and Computer Engineering   **Aug**

Manipal University, Manipal, India

Bachelor of Engineering, Electronics and Communication   **Aug**

HONOURS AND AWARDS   College of Engineering Achievement Award, University of Florida, 2008-2010.

PUBLICATIONS AND REPORTS   Ratnesh Kumar, Dhruv Batra. "Pose Tracking by Efficiently Exploiting Globa *WACV' 2016*.

Slawomir Bak, Marco, S.B, Ratnesh Kumar, F Bremond, V Murino "Exploiting Fe for Brownian Statistics for People Detection and Recognition", *IEEE Transaction*

Ratnesh Kumar, Guillaume Charpiat, Monique Thonnat. "Multiple Object Tra Graph Partitioning", *ACCV' 2014*.

Ratnesh Kumar, Guillaume Charpiat, Monique Thonnat. "Hierarchical Represe with Spatio-Temporal Fibers", *IEEE WACV ' 2014*.

Slawomir Bak, Ratnesh Kumar, Francois Bremond. "Brownian descriptor: A Rich Appearance Matching", *IEEE WACV ' 2014*.

C. Wetterich, Ratnesh Kumar, S. Sankaran, J. Belasque Jr., R. Ehsani and L. M parative study on application of computer vision and fluorescence imaging spectro: of Huanglongbing citrus disease in USA and Brazil" *Journal of Spectroscopy*, 201