

CURRICULUM VITAE
Ryan Matthew Farrell
DEPARTMENT OF COMPUTER SCIENCE
INSTITUTE FOR ADVANCED COMPUTER STUDIES (UMIACS)
UNIVERSITY OF MARYLAND, COLLEGE PARK
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Education

University of Maryland, College Park - College Park, MD
Ph.D. in Computer Science, IN PROGRESS
Advisor: Professor Larry S. Davis

University of Maryland, College Park - College Park, MD
M.S. in Computer Science, DECEMBER 2006

University of California, Berkeley - Berkeley, CA
B.S. in Electrical Engineering and Computer Science, AUGUST 2001

Employment

University of Maryland, College Park - College Park, MD
Graduate Research Assistant (under Prof. Larry Davis), MAY 2006 - PRESENT

Johns Hopkins University Applied Physics Lab (APL) - Laurel, MD
Research Intern/Temp on Call, JUNE 2006 - PRESENT

Army Research Lab (ARL), Adelphi Laboratory Center - Adelphi, MD
Summer Intern, MAY 2005 - AUG 2005

University of Maryland, College Park - College Park, MD
Graduate Teaching Assistant, AUGUST 2004 - MAY 2006

Raytheon Systems Company - Marlborough, MA
Software Engineer, SEPTEMBER 2001 - AUGUST 2004

University of California, Berkeley - Berkeley, CA
Undergraduate Researcher, JUNE TO SEPTEMBER 2000

Silicon Graphics, Inc. (SGI) - Mountain View, CA
Summer Intern, SUMMERS 1995-1997

Publications

Conference Papers

Dennis Lucarelli, Anshu Saxena, Ryan Farrell, I-Jeng Wang,
“Distributed Inference for Network Localization using Radio Interferometric Ranging”,
European Conference on Wireless Sensor Networks (EWSN), January-February 2008.

Ani Kembhavi, Ryan Farrell, David Jacobs, Ramani Duraiswami, Larry S. Davis,
“Tracking Down Under: Following the Satin Bowerbird”, *Workshop on Applications of
Computer Vision (WACV)*, January 2008.

Ryan Farrell, Roberto Garcia, Dennis Lucarelli, Andreas Terzis, I-Jeng Wang,
“Localization in Multi-Modal Sensor Networks”, *International Conference on Intelli-
gent Sensors, Sensor Networks and Information Processing (ISSNIP)*, December 2007.

Best Paper Award

Ryan Farrell, David Doermann, Larry S. Davis, “Learning Higher-order Transition
Models in Medium-scale Camera Networks”, *ICCV Workshop on Omnidirectional Vi-
sion, Camera Networks and Non-classical Cameras (OMNIVIS)*, October 2007.

Scott R. Klemmer, Mark Newman, Ryan Farrell, Mark Bilezikjian, James Landay,
“The Designers’ Outpost: A Tangible Interface for Collaborative Web Site Design”,
UIST (User Interface Software and Technology), 2001, pages 1-10.

Unrefereed Papers

Ryan Farrell, “Ad-Hoc Sensor Localization in Active Camera Networks”, *Scholarly Pa-
per submitted in fulfillment of M.S. requirements*, December 2006.

Teaching

University of Maryland, College Park - College Park, MD

Graduate Teaching Assistant

CMSC 132: Object Oriented Programming II, SPRING 2006

CMSC 426: Image Processing (Computer Vision), FALL 2005

CMSC 131H: Object Oriented Programming I, FALL 2005

CMSC 131: Object Oriented Programming I, SPRING 2005

CMSC 131: Object Oriented Programming I, FALL 2004