

# IGOR YANOVSKY

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## EDUCATION

- University of California, Los Angeles** Los Angeles, CA  
**Ph.D., Applied Mathematics** 2008
- Performed research in areas of image and signal processing, computer vision and graphics, medical image analysis, computational fluid dynamics, and scientific computing
  - GPA: 3.9
- M.A., Applied Mathematics** 2002
- GPA: 4.0, Summa Cum Laude
- B.S., Applied Mathematics, Computing Specialization** 2002
- GPA: 3.9, Summa Cum Laude
  - Graduated with College and Departmental Highest Honors

## EMPLOYMENT

- University of California, Los Angeles** Los Angeles, CA  
**Research Associate** 2002 – 2008
- Published ten refereed papers in areas of image processing, computer vision and graphics, as well as medical imaging
  - Have been invited to give numerous presentations in the country and abroad
  - Advised undergraduate students in computer vision and medical imaging research projects
  - Wrote grant proposals for research funding
- University of California, Los Angeles** Los Angeles, CA  
**Teaching Associate** 2006 – 2007
- Taught software engineering and applied numerical methods courses
  - Obtained exceptional evaluations from students
- Institute for Pure and Applied Mathematics** Los Angeles, CA  
**Programmer Analyst** 2000 – 2005
- Managed a wide-area network of 70 client and 10 server systems in cross-platform environment
  - Phased in scientific software for use by scientists and engineers
  - Managed Institute's website
- UCLA David Geffen School of Medicine** Los Angeles, CA  
**Systems Analyst** 1998 – 2000
- Managed a wide-area network of 200 client and 10 server systems in cross-platform environment

## INTERNSHIPS

- Laboratory of Neuro Imaging** Los Angeles, CA  
National Science Foundation (NSF) VIGRE Internship Summer 2007
- Developed software solutions for image registration applications
- Laboratory of Neuro Imaging** Los Angeles, CA  
National Science Foundation (NSF) VIGRE Internship Summer 2005
- Developed software solutions for image segmentation applications

## ADDITIONAL

- U.S. Citizen
- Have worked in teams consisting of graduate students from different disciplines
- Have collaborated with several research groups outside the primary field of study
- Developed six complete software solutions for a variety of image processing tasks for industry
- Extensive experience programming in C++, Java, Matlab
- Experience in inter-language and cross-platform programming
- Hold Microsoft Certified Systems Engineer (MCSE) Certification
- Received first place on the Animation contest, Computer Graphics, UCLA
- Received eleven awards in the past four years
- Served as a reviewer for leading Journals and Conferences
- Member of IEEE, AMS, and SPIE