

# RUSSELL MANNING

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## EDUCATION

1995 to May, 2001  
Ph.D. in Machine Vision

University of Wisconsin, Madison  
Madison, WI

1991 to 1992  
in Ph.D. program (Computer Science)

Massachusetts Institute of Technology  
Cambridge, MA

1987 to 1991  
B.S. with Honors (3.92/4.0 GPA),  
Engineering and Applied Science

California Institute of Technology  
Pasadena, CA

## EMPLOYMENT

June, 1997 to Present  
Research Assistant  
*...research on image-based rendering, self calibration, and scene reconstruction*

September, 1995 to May, 1997  
Teaching Assistant  
*...taught introductory programming, graded for data structures class, and taught class introducing students to computers*

January, 1994 to August, 1995  
Software Engineer  
*...created image processing filters for computer video-editing system*

September, 1991 to June, 1992  
Research Assistant  
*...assisted research in medical expert systems*

Summer, 1990  
Summer Undergraduate Research Fellowship  
*...independent research in combinatorics; generalized the Catalan numbers*

Summer, 1989

## Summer Student Research Assistant

...assisted research on automatic program transformation

## Argonne National Laboratory

Argonne, IL

Summer, 1988

## Resident Assistant

*...supervised students at summer program for gifted youth*

## CYTAG Program, Iowa State University

Ames, IA

## HONORS

- accepted to Harvard Law School, 1997 (99.3 percentile on LSAT)
- W. L. Putnam Mathematical Competition, 32nd out of 2500 (Honorable Mention), 1990; chosen for three-person Caltech Putnam team
- Morgan Ward Prize from Caltech for undergraduate mathematics research, 1989
- The Caltech Prize (scholarship), 1990-91
- Summer Undergraduate Research Fellowship (SURF) from Caltech, 1989-90
- Carnation Merit Scholarship from Caltech, 1988-89, 1989-90
- Los Angeles Philanthropic Foundation Scholarship, 1988-89, 1989-90
- W. C. Byrd Scholarship, 1987-88
- ACM International Programming Competition; Caltech team, placed 10th overall, 1989-1990

## PROFESSIONAL ACTIVITIES

- significant contributions to successful NSF grant proposal “View Synthesis for Dynamic Scenes, With and Without Reconstruction”
- gave Principal Investigator talk at DARPA-funded project meeting, Video Surveillance and Monitoring (VSAM), 1998; helped prepare PI talks for VSAM98 and VSAM99; presented demos at VSAM98 and VSAM99
- speaker at Conf. on Computer Vision and Pattern Recognition (CVPR), 1999
- paper reviewer for International Conference on Computer Vision (ICCV), 1999
- 4.9/5.0 overall rating by students for “Would you recommend this teacher” from both sections of Spring 1997 introductory programming class
- guest lectures for graduate Computer Vision class, 1999 and 2000
- student member, University of Wisconsin Computer Sciences Department Publications Committee