

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

University of Wisconsin, Madison
Madison, WI

...research on image-based rendering, self calibration, and scene reconstruction

September, 1995 to May, 1997
Teaching Assistant

University of Wisconsin, Madison
Madison, WI

...taught introductory programming, graded for data structures class, and taught class introducing students to computers

January, 1994 to August, 1995
Software Engineer

Star Media Systems
Naperville, IL

...created image processing filters for computer video-editing system

September, 1991 to June, 1992
Research Assistant

Massachusetts Institute of Technology
Cambridge, MA

...assisted research in medical expert systems

Summer, 1990
Summer Undergraduate Research Fellowship

California Institute of Technology
Pasadena, CA

...independent research in combinatorics; generalized the Catalan numbers

Summer, 1989	Argonne National Laboratory
Summer Student Research Assistant	Argonne, IL
<i>...assisted research on automatic program transformation</i>	
Summer, 1988	CYTAG Program, Iowa State University
Resident Assistant	Ames, IA
<i>...supervised students at summer program for gifted youth</i>	

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