RUSSELL MANNING

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EDUCATION

1995 to May, 2001 — University of Wisconsin, Madison
Ph.D. in Machine Vision — Madison, WI

1991 to 1992 — Massachusetts Institute of Technology
in Ph.D. program (Computer Science) — Cambridge, MA

1987 to 1991 — California Institute of Technology
B.S. with Honors (3.92/4.0 GPA), Engineering and Applied Science — Pasadena, CA

EMPLOYMENT

June, 1997 to Present — University of Wisconsin, Madison
Research Assistant — Madison, WI
...research on image-based rendering, self calibration, and scene reconstruction

September, 1995 to May, 1997 — University of Wisconsin, Madison
Teaching Assistant — Madison, WI
...taught introductory programming, graded for data structures class, and taught class introducing students to computers

January, 1994 to August, 1995 — Star Media Systems
Software Engineer — Naperville, IL
...created image processing filters for computer video-editing system

September, 1991 to June, 1992 — Massachusetts Institute of Technology
Research Assistant — Cambridge, MA
...assisted research in medical expert systems

Summer, 1990 — California Institute of Technology
Summer Undergraduate Research Fellowship — Pasadena, CA
...independent research in combinatorics; generalized the Catalan numbers

Summer, 1989 — Argonne National Laboratory
Summer Student Research Assistant — Argonne, IL
...assisted research on automatic program transformation

Summer, 1988 — CYTAG Program, Iowa State University
Resident Assistant — Ames, IA
...supervised students at summer program for gifted youth

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