BRAD E. JOHANSON

SCHOOL ADDRESS
207-215 Fall Creek Dr. Apt. #6
Ithaca, NY 14850
(607) 266-0505

PERMANENT ADDRESS
60 Prospect Ave.
Sausalito,CA 94965
(415) 332-1994

OBJECTIVE To gain employment designing software related to computer graphics and/or distributed computing.

EDUCATION AWARDS AND HONORS

Cornell University, College of Engineering
Candidate for Bachelors of Science Degree in Electrical Engineering, May 1995
Cornell University, College of Arts and Sciences
Candidate for Bachelors of Arts Degree in Computer Science, May 1995
Microsoft Technical Scholarship Finalist, 1994
Golden Key National Honor Society, Tau Beta Pi Engineering Honor Society, Eta Kappa Nu Electrical Engineering Honor Society, Phi Kappa Phi Honor Society
Eagle Scout Award (1991)
National Merit Scholarship Award Winner, 1991, McMullen's Deans Prize Winner, Cornell University
G.P.A. 3.9 (Dean's List Fall 1991-Fall 1994)

EXPERIENCE

Silicon Graphics, I.S. Assistant, Summers 1990-1993
Programmed internal trouble ticket tracking system; configured Network Operating Center for global WAN; programmed visual networked employee information database.
Project Zeno, Department of Computer Science, Cornell University, Fall 1994
Worked on development of a distributed multimedia video server system. Focused on implementing a flexible dithering engine.
Bioacoustics Research Program, Laboratory of Ornithology, Cornell University, Summer 1994
Created a program to draw maps of coastlines, and plot positions of whales; assisted in using program to analyze data for ATOC feasibility studies; ported application to Power PC Macintosh.
Computer Science Department, Cornell University, Spring 1994 and Spring 1995
Consultant for senior level computer graphics course; responsible for instructing students on the use of Data Explorer, and computer graphics concepts.
Computer Network Pilot Project, Cornell University, Fall/Spring 1991-1993
Responsible for maintenance of student dormitory network. Included supervision of other staff members.

RELEVANT SKILLS

Computer Languages: BASIC, Pascal, C, C++, Perl, Scheme, 680x0 Assembly, TMS320C30 Assembly (DSP), Hypercard.
Programming Environments/Operating Systems: UNIX (Sun, HP, SGI), X Windows C Libraries, MS-DOS, MS Windows, OS/2, Macintosh OS, Symantec Think Class Libraries (Macintosh), Macintosh Toolkit, Metrowerks Power Plant, Metrowerks Codewarrior, Silicon Graphics Viewkit, Silicon Graphics GL.
Machine Environments: Intel (PC Clone), Macintosh, PowerPC (Macintosh), HP Apollo, Sun Sparc, SGI Iris Series
Programs: Altera Max+Plus II, Matlab, Mathcad, MS Word, Lotus 1-2-3, MS Excel, Wordstar, Aldus PageMaker, B^2Spice, Logic Works 2.5, IBM Data Explorer, Tango Schematic, Cabletron Spectrum (network management tool), Remedy Action Request System (organizational time management tool).
Protocols: TCP/IP, SQL
Foreign Languages: Spanish

ACTIVITIES

President of Eta Kappa Nu Electrical Engineering Honor Society, Cornell Chapter
Responsible for organizing activities of chapter, and supervising other activities.
Steering Committee Member, Episcopal Church at Cornell
Assist in creating congregation by-laws, and planning of church activities.
Teacher's Assistant for Caving with Cornell Outdoor Education
Helped schedule trips and manage logistics. Helped teach cave etiquette, and safety.

INTERESTS Hiking, Bicycling, Sailing, Skiing, Water Skiing, Roller Blading, and Acting

references available upon request