Thomas W Brown
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Professional Experience
Academic Professional - TRECC; 8/04 - present
Responsible for:

- Site infrastructure maintenance, hardware and software maintenance and implementation, AccessGrid liaison, on-site support, and demonstrations and tours of technologies showcased.

IT Manager - Global Grid Forum; 3/02 - 5/03
Responsible for:

- Web development/maintenance.
- Implementation of on-line scheduling; implementation of on-line purchasing.
- IT infrastructure; hardware maintenance.
- Liaison between GGF and Argonne systems support.

Virtual Environment Specialist - Futures Lab, Argonne National Laboratory; 3/99 - 2/02
Responsible for:

- Implementation, set-up and maintenance of AccessGrid Nodes at Argonne and remote sites.
- Implementations of the "workplace of the future" for presentation in the CAVE and other advanced display devices.
- Human Factors Research: Conducted trial tests in the CAVE in attempt to qualitatively measure human interactions with simple geometric data sets.
- Digital Dig: Compiled data supporting active real-time scans of Egyptian archeological site in conjunction with University of Chicago.
- Fabricating "sandbox" models of Futures Lab display devices; CAVE, workstations, IDESK, ActiveMural.
- Creating computer generated virtual fly through of proposed HTMT (Hybrid Technology Multithreaded Architecture) computer.

Webmaster, SPSS Inc.; 1/96 - 3/99
Responsible for:

- Development and maintenance of 3,000+ HTML documents on external site and internal site.
- Worked closely with sales, training, and marketing departments, domestic and worldwide, to establish global presence.
- Cgi and Perl creation/implementation; creation of graphics, animations.
- Setup, installation of NT server.
- Implementation of on-line bookstore; search engine technology; Cold

Fusion, data base driven applications.

Research Assistant, EVL, UIC; 1/93 - 6/96
Responsible for the following projects:
- **Supercomputing '95** - Responsible for server installation and maintenance; design of documents and creation of Cgi scripts for the Supercomputing '95 AV Information Page.
- **City of Chicago Demo Home Page** - Responsible for the integration of text and icons into a demo document showcasing various city departments and city services.
- **SIGGRAPH VROOM documentation** - Responsible for the overall design, icon creation, and page layout, including the incorporation of RGB images, SGI-based movies and the EVL-developed CAVEviewer for this interactive demonstration showcasing scientific virtual reality environments. Working with the software Development Group at NCSA, was instrumental in developing the "kiosk" version of Mosaic for this stand-alone "Learn More" presentation.
- **Supercomputing '93** - Responsible for the screen layout, icon implementation and overall design of the on-line documentation of Supercomputing '93 "Experiential Science in The Virtual Reality Theater" CAVE presentation.

Computer graphic artist, Chicago: '84 - 89
PC based software creation of business-to-business slide/video presentations.
- Image Base - Chicago, IL - 8/87 - 3/89
- VTI - Chicago, IL - 11/86 - 8/87
- ChartMaster/Midwest - Chicago, IL - 8/84 - 8/86

Skills
- Excellent verbal and written communication skills.
- Design, layout & multimedia :: All Adobe products,
- Web languages/scripting/applications :: HTML, DHTML, Php, Perl, JavaScript, ColdFusion.
- Video and sound :: Adobe Premiere, After Effects, QuickTime Pro.
- 3D modeling and animation :: Poser, 3DMax, HasH/Playmation.
- NT administration; IIS server administration; some UNIX, SQL administration.

Professional Activities
- **Booth Manager**: SIGGRAPH Video Review (SVR), responsible for Conference sales of the SIGGRAPH video publication with sales nearing $200,000. Responsibilities include booth/exhibit configuration, inventory control, sales and management of booth personnel. Responsible for SVR on-line documentation.

- **Member Internet Society**
- **Member Association for Computing Machinery - ACM**

Conferences
- **Booth Manager**, **SVR**, ACM-SIGGRAPH '96 to present
- **Attendee**, CHI: Human Factors in Computing Systems - Seattle, WA
- **Attendee**, INET '95 - **Research Exhibit**, Honolulu, Hawaii; '96 - Montreal, Canada
- **Presenter**, The Second International WWW Conference Mosaic and the Web, **Research Exhibit**, October, 1994 - Chicago, IL
- **Presenter**, Environmental Simulation: The Teraflop And Information Superhighway Imperative Workshop, August, 1994 - Monterey, CA
- **Organizer**, SIGGRAPH '94 VROOM - The Virtual Reality Room, July, 1994 - Orlando FL
  Responsible for the creation, set up and maintenance of a WWW/Mosaic "Learn More" area that documented the virtual reality exhibits.

Education
MFA Candidate
Electronic Visualization Laboratory (EVL)
Design Visualization Laboratory (DVL)
University of Illinois at Chicago (UIC) 1991 - 1996
Nearly completed graduate degree in art and computers with emphasis on networked-based multimedia. Familiarity with mark-up languages; PERL programming language, and UNIX operating systems.

BFA
Southern Illinois University at Carbondale, 1984
Sculpture/Metals
Concentration: cast metal sculptures, primarily figurative. Crafted commissioned works for Red Grooms, Rubin Nakian, Ernst Trova and others.

Personal
Married for 18 years to Lisa Childers, a Senior Scientific Programmer in the Mathematics Computer Sciences Division of Argonne National Laboratory. First child, Cosmo, was born Thanksgiving, 1992; second, Dashiell, Mothers Day, 1995. These family additions have led to renewed interest in exercise and diet. Enjoy cooking of all kinds and have received favorable reviews for most of my creations. Continued interest in the arts; in past years served as assistant to Ruth Duckworth, a world-renowned ceramic artist, and worked with fellow SIU graduate students building and working a bronze foundry in Chicago. I also enjoy a good read when I can find the time.