

Thomas A. Brunet

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Work Experience

- (Jan 2004-Present) Research Assistant for Dr. Mike Gleicher, University of Wisconsin-Madison
 - Vascular Visualization Project
- (Aug 2003-Dec 2003) Teaching Assistant, CS302, University of Wisconsin-Madison
- (Feb 2000-Aug 2003, July 2004-Present) IBM Research, Accessibility Center
 - Home Page Reader, a web browser for the blind or visually impaired (<http://www-3.ibm.com/able/hpr.html>)
 - Involved in design and implementation of Web Access Technology component of HPR
 - Technical Excellence Award
- (Feb 2001-Aug 2001, Jan 2002-May 2002) Undergraduate Research Assistant for Dr. Nina Amenta, University of Texas at Austin
 - C++ OpenGL developer of Protein crystallography iso-surface visualization (<http://www.cs.utexas.edu/users/amenta/cartoon.html>), paper below
- (Summer 1999) IBM TJ Watson Research, Data Abstraction Group Webmaster
- (Fall '97-Summer '98) Electric Tours, Production Team/Multimedia Specialist
 - Assisted in design and production of multimedia publications for several high schools and larger clients such as Kansas State and the US Naval Academy

Education

- Graduate student, University of Wisconsin-Madison (12 hours, 4.0 GPA)
- BS in Computer Science May 2002 from University of Texas at Austin (4.0 GPA)
Graduated with highest honors, special department honors, Dean's Honored Graduate
- Graduated from Round Rock High School, 5.483/6.00 GPA, ranked 2nd out of 631.

Honors/Organizations

- Phi Beta Kappa
- Dean's Scholars
 - Middle School Enrichment Program (science demos for middle school classes)
- Upsilon Pi Epsilon
- (1998-2002) University Honors List
- (1998) Member of the 1st place state of Texas UIL computer science team.
Placed 5th individually.
- (1998) Salutatorian, Round Rock High

Publications

- Barry Feigenbaum, Tom Brunet. "2D animation with image_based paths", IBM developerWorks. Jan 9, 2004.
- Tom Brunet, Nina Amenta, Thore Karlsen. Drawing Skeletons. *Undergraduate honor's thesis*. May, 2002.
- "Method for providing a description of a user's current position in a web page" Patent Pending (US20020138515)

Scholarships/Awards

- (2004-Present) CIBM Predoctoral Traineeship
- (2001-2002) Endowed Presidential Scholarship
- (1998-2004) Austin Amateur Radio Club
- (1998-2002) IBM Thomas J. Watson Memorial
- (1998-2002) Nelda C. and HJ Lutzer Stark Foundation

Extracurricular activities

- University of Texas Handball Club (Webmaster)
- Member of University of Texas 2002 Intramural Co-ed Soccer-B Champions team.