

# J. Michael Moore

# Curriculum Vitae

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979-845-5475

## Technical Skills

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Accessibility, Human-Centered Computing, Interaction Design, CS Education, UX/UI, PHP, MySQL, Java, C++, Intelligent User Interfaces, Software Engineering, Requirements Elicitation and Analysis

## Education

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**PhD. in Computer Science (GPA: 4.0)** **August 2007**  
*Texas A&M University*

**Dissertation:** Design Exploration: Engaging a Larger User Population

**Advisor:** Frank Shipman

**M.S. in Computer Science (GPA: 3.9)** **August 1997**  
*Southwest Texas State University (currently Texas State University)*

**B.S. in Biochemistry (GPA: 3.5)** **August 1991**  
*Texas A&M University*

- University Undergraduate Fellow: *Program involving a year of research and compilation of a thesis.*
- University Honors: *Curriculum including honors coursework.*

## Teaching Experience

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**Instructional Assistant Professor** **September 2015 – present**  
*Texas A&M University, College Station, Texas*

- Human-Computer Interaction: CSCE 436 – Spring 2018, Fall 2017, Spring 2017, Fall 2016
- Introduction to Program Design and Concepts: CSCE 121 – Summer 2018, Spring 2018, Fall 2017, Summer 2017, Spring 2017, Fall 2016, Summer 2016, Spring 2016, Fall 2015
- Senior Seminar: CSCE 481 - Fall 2015, Spring 2016

**Lecturer** **September 2014 – May 2015**  
*Texas A&M University, College Station, Texas*

- Introduction to Program Design and Concepts: CSCE 121 - Spring 2015
- Data Structures and Algorithms: CSCE 221 - Spring 2015
- Distributed Objects Programming: CSCE 438 - Spring 2015
- Intermediate Programming & Design: CSCE 113 - Fall 2014
- Discrete Structures for Computing: CSCE 222 - Fall 2014
- Analysis of Algorithms: CSCE 411, - Fall 2014

**Adjunct Faculty** **January 2013 – May 2013**  
*University of Texas, Austin, Texas*

- Introduction to Programming using Java: Spring 2013

**Lecturer** **August 2008 – December 2009, August 1999 – May 2000**  
*Texas A&M University, College Station, Texas*

- Pascal: Fall 1999, Fall 2008, Spring 2009, & Fall 2009
- Java: Spring 2000

**Instructor**

June 2006 &amp; June 2007

*Duke TIP, College Station, Texas*

- Interaction Design for gifted junior high and high school students.

**Lecturer**

January 1998 – August 1999

*Blinn Junior College, Bryan, Texas*

- Pascal: Spring 1998, Fall, 1998, Spring 1999, Summer, 1999

**Work Experience****Texas Society of Interpreters for the Deaf (TSID)**

October 1998 – 2015

*Webmaster*

- Volunteer work to develop and maintain the TSID website (<http://tsid.org/>).
- Main website created with custom PHP code with a MySQL backend. This includes a calendar for use by the organization and a simple CMS that allows officers, spread throughout the state, to share files.
- Create custom websites for the annual conferences: 2000-2014 excluding the 2001 conference site, <http://tsid.org/conference/>.
  - 2008-2012, sites implemented with custom PHP code and a MySQL backend.
  - 2013-2015, sites implemented with the Yii framework.

**Austin Community College – Austin, Texas**

January 2013 – 2014

*Sign Language Interpreter (Part time)*

- Interpreted lectures and labs for Interpret for deaf and hard of hearing clients.

**Camp Gladiator – Austin, Texas**

May 2014 – July 2014

*Contractor*

- Code development and debugging using PHP and MySQL.

**Texas State, San Marcos – Texas**

January 2013 – May 2013

*Sign Language Interpreter (Part time)*

- Interpreted lectures and labs for Interpret for deaf and hard of hearing clients.

**Bryan/College Station/Houston, Texas**

September 2001 – December 2012

*Freelance Sign Language Interpreter*

- Interpret for deaf and hard of hearing clients. Done primarily in the post-secondary setting at Texas A&M University, Blinn College, Houston Community College and Cy-Fair College.
- Interpret video relay for CSDVRS.

**Texas A&M University, College Station – Texas**

July 2007 – July 2008

*Postdoctoral Research Associate*

- Worked with the Design Exploration (DE) grant – Java, PHP, and MySQL.
- Wrote and assisted with conference, journal, and grant proposal writing.

**Texas A&M University, College Station – Texas**

August 2000 – June 2007

*Graduate Assistant Research*

- Worked on Visual Knowledge Builder (VKB) and Design Exploration (DE) development – Java.
- Wrote and assisted with conference, journal, and grant proposal writing.

**Texas A&M University, College Station – Texas**

August 1996 – August 2000

*Sign Language Interpreter (Staff)*

- Interpreted lectures and labs for Interpret for deaf and hard of hearing clients.
- Developed policy and publications related to interpreting and disability services.

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Southwest Texas State University – San Marcos, Texas

January 1996 – August 1996

Graduate Assistant

- Developed and modified a user interface for a project engineering package.
- Set up and maintained a group of Pentium 166 machines running Windows NT 3.51 for a Software Engineering practicum course.

## Awards

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Mentoring Award (2004) selected by faculty members in the Computer Science department and presented by the Aggie Women in Computer Science at Texas A&M University

Student scholarship recipient to attend the Richard Tapia Celebration of Diversity in Computing Conference 2003 presented by the Texas A&M University Department of Computer Science

Guseman Award (2002) presented for outstanding contributions to the Graduate Student Council at Texas A&M University

2<sup>nd</sup> Place (2006) Student Research Week Poster Competition

## Dissertation

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1. **J.M. Moore**, “Design Exploration: Engaging a Larger User Population”, PhD. Thesis, Department of Computer Science, Texas A&M University, 2007.

## Publications

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1. S. Bae, D. Kim, K. Meintanis, **J.M. Moore**, A. Zacchi, F. Shipman, H. Hsieh, and C. Marshall, “Supporting Document Triage via Annotation-Based Multi-Application Visualizations”, *Proceedings of ACM and IEEE Joint Conference on Digital Libraries (JCDL)*, 2010.
2. **J.M. Moore** and F. Shipman, “Combining the Analysis of Spatial Layout and Text to Support Design Exploration”, *Proceedings ASE 2008, The 23<sup>rd</sup> IEEE/ACM International Conference on Automated Software Engineering*, Sept. 2008. (24%)
3. S. Bae, H. Hsieh, D. Kim, C. Marshall, K. Meintanis, **J.M. Moore**, A. Zacchi, and F. Shipman, “Supporting Document Triage via Annotation-based Visualizations”, *Proceedings of the Annual Meeting of the American Society of Information Science & Technology (ASIS&T)*, Oct. 2008.
4. S. Bae, C. Marshall, K. Meintanis, A. Zacchi, H. Hsieh, **J.M. Moore**, and F. Shipman, “Patterns of Reading and Organizing Information in Document Triage”, *Proceedings of the Annual Meeting of the American Society of Information Science & Technology (ASIS&T)*, 2006.
5. R. Badi, S. Bae, **J.M. Moore**, K. Meintanis, A. Zacchi, H. Hsieh, F. Shipman, C. Marshall, “Recognizing User Interest and Document Value from Reading and Organizing Activities in Document Triage”, *Proceedings of the International Conference on Intelligent User Interfaces 2006*, pp. 218-225. (24%)
6. S. Bae, R. Badi, K. Meintanis, **J.M. Moore**, A. Zacchi, H. Hsieh, C. Marshall, F. Shipman, “Effects of Display Configurations on Document Triage”, *Human-Computer Interaction: INTERACT 2005*, pp. 130-143. (26%)
7. F. Shipman, H. Hsieh, **J.M. Moore**, and A. Zacchi, "Supporting Personal Collections across Digital Libraries in Spatial Hypertext", *Proceedings of the ACM and IEEE Joint Conference on Digital Libraries*, 2004, pp. 358-367. (30%) (*Nominated for Best Paper Award*)
8. **J.M. Moore**, Communicating Requirements Using End-User GUI Constructions with Argumentation. *Proceedings ASE 2003, The Eighteenth IEEE International Conference on Automated Software Engineering*, pp. 360-363.

9. F. Shipman, **J.M. Moore**, P. Maloor, H. Hsieh, and R. Akkapeddi, "Semantics Happen: Knowledge Building in Spatial Hypertext", *Proceedings of the ACM Conference on Hypertext*, 2002, pp. 25-34. (31%) (*Nominated for Best Paper Award*)
10. **J.M. Moore** and F. Shipman, "Requirements Elicitation using Visual and Textual Information", *Proceedings Fifth IEEE International Symposium on Requirements Engineering*, 2001, pp. 308-309.
11. F. Shipman, H. Hsieh, R. Airhart, P. Maloor, **J.M. Moore**, and D. Shah, "Emergent Structure in Analytic Workspaces: Design and Use of the Visual Knowledge Builder", *Human-Computer Interaction: INTERACT 2001*, pp. 132-139. (33%)
12. F. Shipman, H. Hsieh, R. Airhart, P. Maloor, and **J.M. Moore**, "The Visual Knowledge Builder: A Second Generation Spatial Hypertext", *Proceedings of the ACM Conference on Hypertext*, 2001, pp. 113-122. (27%)
13. F. Shipman, R. Airhart, H. Hsieh, P. Maloor, **J.M. Moore**, and D. Shah, "Visual and Spatial Communication and Task Organization in the Visual Knowledge Builder", *Proceedings of the ACM 2001 GROUP Conference*, 2001, pp. 260-269. (30%)
14. **J.M. Moore** and F. Shipman, "A Comparison of Questionnaire-Based and GUI-Based Requirements Gathering", *Proceedings of the IEEE Conference on Automated Software Engineering*, 2000, pp. 35-44. (~20%) (*Nominated for Best Paper Award*)

## Book Chapters

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1. S. Bae, R. Badi, K. Meintanis, **J.M. Moore**, A. Zacchi, H. Hsieh, C. Marshall, F. Shipman, "Effects of Display Configurations on Document Triage", *Lecture Notes in Computer Science*, Volume 3585, Sep 2005, Pages 130 - 143
2. F. Shipman, H. Hsieh, **J.M. Moore**, "Towards a World-Wide Spatial Hypertext", in N. Arganaraz, editor, *Humanistic Informatics*, in press.

## Professional Service

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| <b>Faculty Advisor:</b> DeAF (Deaf Aggies & Friends)                                    | <b>2018 – present</b> |
| <b>Faculty Advisor:</b> OSTEM (Out in Science, Technology, Engineering and Mathematics) | <b>2017 – present</b> |
| <b>Faculty Advisor:</b> Theta Tau (Engineering Service Fraternity)                      | <b>2015 – present</b> |
| <b>Organizing Committee:</b> Diversity Hackathon  | <b>2017 – 2018</b>    |
| <b>Secretary:</b> GLBT-PN (Professional Network at Texas A&M)                           | <b>2017 – 2018</b>    |
| <b>Vice President:</b> GLBT-PN (Professional Network at Texas A&M)                      | <b>2016 – 2017</b>    |
| <b>Program Committee Member:</b> Hypertext 2008   | <b>2008</b>           |
| <b>Judge:</b> Student Research Week, Texas A&M University                               | <b>2008</b>           |
| <b>President:</b> Brazos Valley Interpreters for the Deaf                               | <b>2006 - 2007</b>    |
| <b>Parliamentarian:</b> Brazos Valley Interpreters for the Deaf                         | <b>2003 – 2006</b>    |
| <b>Temporary Member:</b> Aggie Honor Council  | <b>2005</b>           |
| <b>President:</b> Computer Science Graduate Student Association, Texas A&M University   | <b>2003 – 2004</b>    |
| <b>Student Member:</b> Institutional Review Board (non-voting), Texas A&M University    | <b>2003 – 2004</b>    |
| <b>Student Member:</b> Graduate Appeals Panel, Texas A&M University                     | <b>2002 – 2004</b>    |
| <b>Financial Officer:</b> Rainbow Graduate Student Association, Texas A&M University    | <b>2002 – 2004</b>    |
| <b>Doctoral Symposium/Student Volunteer:</b> IEEE ASE 2003, Montreal, Quebec, Canada    | <b>2003</b>           |

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| <b>Student Volunteer:</b> ACM-IEEE JCDL 2003, Houston, TX                              | <b>2003</b>           |
| <b>Computer Science Representative:</b> Graduate Student Council, Texas A&M University | <b>2002 – 2003</b>    |
| <b>Student Member:</b> Ad Hoc Committee on Diversity and Globalization                 | <b>2002</b>           |
| <b>Vice President:</b> Graduate Student Council, Texas A&M University                  | <b>2001 – 2002</b>    |
| <b>Co-Chair:</b> Student Research Week, Texas A&M University                           | <b>2001 – 2002</b>    |
| <b>Graduate Student Member:</b> Graduate Committee, Texas A&M University               | <b>2001 – 2002</b>    |
| <b>Student Volunteer:</b> ACM Hypertext 2000 conference, San Antonio, TX               | <b>2000</b>           |
| <b>Student Volunteer:</b> ACM Digital Libraries 2000 conference, San Antonio, TX       | <b>2000</b>           |
| <b>Computer Science Representative:</b> Graduate Student Council, Texas A&M University | <b>1999 – 2000</b>    |
| <b>Secretary:</b> Texas Society of Interpreters for the Deaf                           | <b>1999 – 2001</b>    |
| <b>Webmaster:</b> Texas Society of Interpreters for the Deaf                           | <b>1998 – present</b> |

### Affiliations

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ACM Member

### Certifications

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Basic Interpreter: Board for the Evaluation of Interpreters, DARS