<div align="center">**Curriculum Vitae**</div>

Wei Li
Computer Science Department
University of Alabama in Huntsville
Huntsville, Alabama 35899
wli@cs.uah.edu

EDUCATION
Ph.D. in Computer Science (1992) Virginia Polytechnic Institute and State University
B.S. in Computer Science (1984)   Beijing University

AREAS OF INTEREST
Software engineering; software metrics; formal methods; software testing.

JOURNAL AND BOOK-CHAPTER PUBLICATIONS
Shatnawi, Raed, **Wei Li**, "An Empirical Investigation of Predicting Fault Count, Fix Cost and Effort using Software Metrics", *International Journal of Advanced Computer Science and Applications (IJACSA)*, accepted Feb. 2016.

Pitamber Tiwari, **Wei Li**, Raouf Alomainy, and Bingyang Wei, "An Empirical Study of Different Types of Changes in the Eclipse Project," *The Open Software Engineering Journal*, 2013, 7, 24-37.

Raouf Alomainy, and **Wei Li**, "DSS: A Formal Framework and a Software Tool to Extract Object-Oriented Design State Space and Syntax-Based Metrics," *International Journal of Computers and Their Applications (IJCA)*, Vol. 20, No. 2, June, 2013.

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Li, Wei, "The big bang graph—a colored graph representation of software design," *Computer Science Research Trends* (Ed. Casey B. Yarnall), Nova Science Publishers, Book Chapter (2008).

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Hector Olague, Letha Etzkorn, **Wei Li** and Glen Cox, "Examining System Design Instability and Progress in Highly Iterative, Rapidly Evolving Object-Oriented Software Projects," Journal of Software Maintenance, Vol. 18, Issue 4, July/August 2006, pp.237-266.

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Bansiya, Jagdish, Letha Etzkorn, Carl Davis, and **Wei Li**, "A Class Cohesion Metric for Object-Oriented Design," Journal of Object-Oriented Programming. Vol. 11, No. 8, January 1999.

Li, Wei, "Another Metrics Suite for Object-Oriented Programming," Journal of Systems and Software. Vol. 44, No. 2, December 1998.

Etzkorn, Letha, Carl Davis, and **Wei Li**, "A Practical Look at the Lack of Cohesion in Methods Metric," Journal of Object-Oriented Programming. Vol. 11, No. 5, September 1998.

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Li, Wei, "Empirical Study of Software Reuse in Reconstructive Maintenance," Journal of Software Maintenance. Vol. 9, No. 2, 69-83. March/April 1997.

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Li, Wei and Sallie Henry, "An Empirical Study of Maintenance Activities in Two Object-Oriented Systems," Journal of Software Maintenance Vol. 7, No. 2, 131-147, March/April, 1995.

Li, Wei and Sallie Henry, "Object-Oriented Metrics Which Predict Maintainability," Journal of Systems and Software, Vol. 23, No. 2, 111-122, November 1993.

CONFERENCE PUBLICATIONS

Michael C. Lindsey, David J. Coe, Jeffrey H. Kulick, Letha Etzkorn, Wei Li, and Yujian Fu, "Design of Safety Critical Survivable Systems Using Autonomic and Semantic Web Methodologies," The 11th International Conference on Software Engineering Research and Practice (SERP'12), July 16-19, 2012, USA).

Raouf Alomainy and Wei Li, "Z Formal Framework for Syntax-Based Module Level Software Metrics," The 11th International Conference on Software Engineering Research and Practice (SERP'12), July 16-19, 2012, USA).

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Alomainy, Raouf , Wei Li, and Neale Currie, "*DSS: A Software Tool to Extract Object-Oriented Design State Space,*" *Proceedings: ISCA 24th International Conference on Computer Applications in Industry and Engineering (CAINE-2011)*, Honolulu, Hawaii, November 2011.

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Alomainy, Raouf and Wei Li, "*Using Ponder as a Standard Security Specification Language in Heterogeneous Networks,*" *Proceedings: ISCA 22nd International Conference on Computer Applications in Industry and Engineering (CAINE-2009)*, pp.128-134, San Francisco, California, November 2009.

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Li, Wei, and Mohammad Alshayeb, "An Empirical Study of XP Effort Distribution," *Proceedings: 17th International Forum on COCOMO and Software Cost Modeling*, Los Angeles, California, October 22-25, 2002.

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Lakshminarayana, A., T. Newman, W. Li, and J. Talburt, "Automatic Extraction and Visualization of Object-Oriented Software Design Metrics", Proceedings: Visual Data Exploration and Analysis VIII Conference, pp.218-225, 2000.

Li, Wei and Harry Delugach "Software Metrics and Application Domain Complexity," *Proceedings (Poster): Asia-Pacific Software Engineering Conference*, Hong Kong, December 1997.

Li, Wei, "An Empirical Study of Object-Oriented Design Evolution", *Proceedings: IASTED International Conference on Software Engineering*, San Francisco, November 2-5 1997. 202-206.

Li, Wei, "Managing Embedded Projects in Reconstructive Maintenance," *Proceedings: Embedded Systems Conference '97*, San Jose, California, October 1997. 625-637.

Li, Wei, John Talburt, and Y.T. Chen, "Quantitatively Measuring Object-Oriented Design Evolution," *Proceedings: 24th International Technology of Object-Oriented Languages and Systems (TOOLS) Asia '97*, Beijing, China, September 1997. 453-458.

Hambuchen, Scott, Wei Li, and Y. T. Chen, "Making the Transition to Object Technology," *Proceedings: Arkansas Computer Conference'96*. Searcy, Arkansas. March 1996. 32-36.

Li, Wei, John Talburt, Don Sobkoviak, and Mike Benert, "Learning Object-Oriented Programming in a Structured Environment," *Proceedings: Arkansas Computer Conference'96*. Searcy, Arkansas. March 1996. 12-22.

Li, Wei, "Reconstructive Software Maintenance," *Proceedings: Software Engineering Research Forum'95*. Boca Raton, Florida. November 1995. 95-102.

Li, Wei, and John Talburt, "Managing Software Projects in a Paradigm Transition Environment," *Proceedings: Sixth International Workshop on Management of Software Project*. University of Karlsruhe, Germany. September 1995.

Li, Wei, "Software Reconstruction in Embedded Systems," *Proceedings: Intelligent Motion Systems'95*. Long Beach, California. September 1995. 248-258.

Lattanzi, Mark, Sallie Henry, Mike Tiffany, Wen Gong, and Wei Li, "A Software Metrics Generation Tool for the Object-Oriented Paradigm," *Proceedings: Applications of Software Measurement*, Orlando, November, 1993, 603-614.

Li, Wei and Sallie Henry, "Maintenance Metrics for the Object-Oriented Paradigm," *Proceedings: IEEE-CS International Software Metrics Symposium*, Baltimore, May 1993, 52-60.

Li, Wei, "Vermont View - An User Interface Design Tool," *Proceedings: The 21st Annual Virginia Computer Users Conference*, Blacksburg, Virginia, 1991, 23-30.

Li, Wei and Sallie Henry, "Some Metrics Primitives for the Object-Oriented Paradigm," *Proceedings: International Conference on Achieving Quality In Software '91*, Pisa, Italy, April, 1991, 45-50.

Li, Wei, Sallie Henry, and Calvin Selig, "Measuring Ada Design to Predict Maintainability," *Proceedings: The 9th Annual National Conference on Ada Technology*, Washington DC, March, 1991, pp.107-113.

Li, Wei and Sallie Henry, "Software Life Cycle Model Using Metrics," *Proceedings: The 19th Annual Computer Science Conference of ACM*, March 5-7, 1991, San Antonio, Texas, 661-662.

Li, Wei and Sallie Henry, "A Lifecycle Model Which Incorporates Software Metrics," *Proceedings: The Ninth National Conference on EDP System and Software Quality Assurance*, October 22-25, 1990. Washington, D.C., 331-356.

Henry, S.M. Steve Wake and Wei Li, "Applying Complexity Metrics During the Software Life Cycle," *Proceedings: Interface '90, The 22nd Symposium on the Interface: Computing Science and Statistics*, East Lansing, Michigan, May, 1990, 23-29.

NONREFEREED CONFERENCE PUBLICATIONS

Li, Wei, and Mohammad Alshayeb, "An Empirical Study of Effort Distribution in Extreme Programming," *Proceedings: 17th International Forum on COCOMO and Software Cost Estimation*, Los Angeles, California, October 2002.

Li, Wei, "Breaking the Exponential-Grow Curve in Software Maintenance," *Proceedings: Workshop on Empirical Studies of Software Maintenance*, San Jose, California, October 2000.

Li, Wei and John Talburt "Object-Oriented Education Issues in Industry and Academia - Experience Learned in Two Object-Oriented Projects," *Proceedings (Workshop): OOPSLA'97 Workshop on Doing Your First OO Project--OO Education Issues in Industry and Academia*, Atlanta, October 1997 (workshop position paper).

Li, Wei and John Talburt, "One Failure and One Success—Experience Learned in Managing Two Object-Oriented Projects," *Proceedings (Workshop): OOPSLA'97 Workshop on Object-Oriented Project Management*, Atlanta, October 1997 (workshop position paper).

Henry, Sallie and Wei Li, "Metrics for Object-Oriented Systems," *Proceedings: OOPSLA'92* (workshop position paper).

EDITORIAL BOARD/EDITOR

The Open Software Engineering Journal; editorial board Member.
The Journal of Emerging Technologies in Web Intelligence; editorial board member.
The Journal of Intelligent Information Management; editorial board member.

REFEREE/REVIEWER

Israeli Science Foundation
Hong Kong Polytechnic University
King Fahd University of Petroleum & Minerals (KFUPM)
Chinese Academy of Sciences (CAS)
National Science Foundation (NSF)
IEEE Transaction on Software Engineering
Annals of Software Engineering
International Conference on Software Maintenance
Annals of Software Engineering
Journal of Software Maintenance and Evolution

GRANTS/RESEARCH FUNDING

National Science Foundation (NSF CCR-0097058), $78,977, August 2001 – August 2002. Principal Investigator.
Acxiom Corporation, $123,642, 8/1999 – 8/2000 (Principal Investigator).
Sun Microsystems Computer Corporation, $28,580, 10/1999 – 01/2000 (Principal Investigator).
Acxiom Corporation, $152,000, 8/1998 – 8/1999 (Principal Investigator).
Acxiom Corporation, $28,000, 8/1998 – 8/1999. Equipment Grant (Principal Investigator; Co-PI was Dr. Tim Newman).
Acxiom Corporation, $80,400. 1/1998 – 8/1998 (Principal Investigator).
Acxiom Corporation, $45,537. 8/1997 – 5/1998 (Principal Investigator).
Acxiom Corporation, $2,500. 1/97 – 3/97 (Principal Investigator).
VMARK Corporation, $5,000 (Software Licenses). 3/96 – 3/97 (Principal Investigator).
Acxiom Corporation, $165,000. 8/95 – 8/96 (Principal Investigator; Co-PI was Dr. Y.T. Chen).
Acxiom Corporation, $200,000. 8/94 – 8/95 (Co-Principal Investigator; PI was Dr. John Talburt).

GRADUATES

Deel Baral (M.S., July 2011)
Raouf Alomainy (M.S., May 2011)
Pitamber Tiwari (M.S., May 2011)
Gregory Gibbs (M.S., October 2009)
Raed Shatnawi (Ph.D., October 2006)

Mohammad Alshayeb (Ph.D., October 2002)

EMPLOYMENT EXPERIENCE

8/01 – present   Associate Professor
         Computer Science Department, University of Alabama in Huntsville
5/02 – 12/04   Professor (visiting)
         Graduate School, Chinese Academy of Sciences
         Research Fellow (visiting)
         Software Institute, Chinese Academy of Sciences
8/96 – 8/01   Assistant Professor
         Computer Science Department, University of Alabama in Huntsville
8/94 – 8/96   Assistant Professor
         Computer and Information Science Department, University of Arkansas at Little Rock
6/92 – 8/94   Software Engineer
         Kollmorgen Industrial Drives, Radford, Virginia 24141

INDUSTRIAL EXPERIENCE

6/92 - 7/94   Software Engineer
         Kollmorgen Corporation, Radford, Virginia.
5/91 - 8/91   Consultant
         DEC France, Lausanne, Switzerland.
1/90 - 8/91   Systems Engineer
         Institute for Computer-Assisted Research in Astronomy, Blacksburg, Virginia.
5/89 - 8/89   Consultant
         Simens, West Germany.