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Scholarly Contributions [Data Provided by **SCOPUS**]

[Extending the descartes specification language towards process modeling](#)

(2011) *2011 Federated Conference on Computer Science and Information Systems, FedCSIS 2011*, pp. 337-340.

[Using vertically integrated project teams: Inspiring student interest in computing careers](#)

(2011) *ASEE Annual Conference and Exposition, Conference Proceedings*, 9 p.

[Strategic plan for enhancing higher education computing degree programs in Iraq](#)

(2011) *2011 IEEE Global Engineering Education Conference, EDUCON 2011*, art. no. 5773120, pp. 94-100.

[Intelligent agent software development using AUML and the descartes specification language](#)

(2011) *Proceedings - 2011 14th IEEE International Symposium on Object/Component/Service-Oriented Real-Time Distributed Computing Workshops, ISORCW 2011*, pp. 297-305.

[Intelligent software agent design issues with extensions to the descartes specification language](#)

(2010) *SEKE 2010 - Proceedings of the 22nd International Conference on Software Engineering and Knowledge Engineering*, pp. 668-671.

[Intertwining implementation with the RealSpec executable real-time specification language](#)

(2010) *SEKE 2010 - Proceedings of the 22nd International Conference on Software Engineering and Knowledge Engineering*, pp. 649-652.

[A property based specification formalism classification](#)

(2010) *Journal of Systems and Software*, 83 (11), pp. 2344-2362.

[Preciseness for predictability with the Realspec real-time executable specification language](#)

(2010) *IEEE Aerospace Conference Proceedings*.

[Issues and challenges in building a framework for reactive agent systems](#)

(2010) *CISIS 2010 - The 4th International Conference on Complex, Intelligent and Software Intensive Systems*, pp. 600-605.

[Report on the future of computing education summit](#)

(2010) *SIGCSE'10 - Proceedings of the 41st ACM Technical Symposium on Computer Science Education*, pp. 259-260.

[Panel on revitalized undergraduate computing education](#)

(2009) *SIGCSE'09 - Proceedings of the 40th ACM Technical Symposium on Computer Science Education*, pp. 69-70.

[Using two-dimensional edge detection to produce three-dimensional medical prototypes from MRI data](#)

(2009) *IFMBE Proceedings*, 24, pp. 67-70.

[RealSpec: An executable specification language for modeling control systems](#)

(2009) *Proceedings of the 2009 IEEE International Symposium on Object/Component/Service-Oriented Real-Time Distributed Computing, ISORC 2009*, pp. 219-227.

[Panel on revitalized undergraduate computing education](#)

(2009) *SIGCSE Bulletin Inroads*, 41 (1), pp. 69-70.

### [Timing, precedence, and resource constraints in the RealSpec real-time specification language](#)

(2008) *Proceedings of the 9th IASTED International Conference on Software Engineering and Applications, SEA 2008*, pp. 192-198.

### [RealSpec: An executable specification language for prototyping concurrent systems](#)

(2008) *Proceedings The 19th IEEE/IFIP International Symposium on Rapid System Prototyping - Shortening the Path from Specification to Prototype, RSP 2008*, pp. 3-9.

### [The state of executable real-time specification languages and the need for advancements](#)

(2008) *Proceedings - 11th IEEE Symposium on Object/Component/Service-Oriented Real-Time Distributed Computing, ISORC 2008*, pp. 577-583.

### [An approach to deriving reactive agent designs from extensions to the descartes specification language](#)

(2007) *Proceedings - Eighth International Symposium on Autonomous Decentralized Systems, ISADS 2007*, pp. 363-367.

### [Analogy-based domain analysis approach to software reuse](#)

(2007) *Requirements Engineering*, 12 (1), pp. 1-22.

### [Comparison of real-time specification techniques using a real-time features based framework](#)

(2006) *Proceedings of the 10th IASTED International Conference on Software Engineering and Applications, SEA 2006*, pp. 509-516.

### [Smart online placement examination](#)

(2005) *Proceedings of the IASTED International Conference on Web Technologies, Applications, and Services, WTAS 2005*, pp. 204-208.

### [Experience with autonomous robots and wireless handheld internet devices in a computer basics course](#)

(2004) *ASEE Annual Conference Proceedings*, pp. 5505-5511.

### [COOL \(Computer Outreach Opportunities for Learning\) development and assessment](#)

(2003) *Proceedings - Frontiers in Education Conference*, 2, pp. F2A1-F2A6.

### [COOL \(computer outreach opportunities for learning\) project](#)

(2003) *ASEE Annual Conference Proceedings*, pp. 7347-7360.

### [Refining a living and learning community for first year engineering students: The ASU perspective](#)

(2002) *Proceedings - Frontiers in Education Conference*, 3, pp. S2C/5-S2C/10.

### [Minority engineering program computer basics with a vision](#)

(2002) *Proceedings - Frontiers in Education Conference*, 3, pp. S3C/1-S3C/5.

### [A synthesis of evaluation criteria for software specifications and specification techniques](#)

(2002) *International Journal of Software Engineering and Knowledge Engineering*, 12 (5), pp. 581-599.

### [Evaluating freshmen retention efforts in engineering housing](#)

(2001) *Proceedings - Frontiers in Education Conference*, 2, pp. T4G/1-T4G/6.

### [Including engineering students](#)

(2000) *Proceedings - Frontiers in Education Conference*, 2, pp. F2F-5-F2F-12.