

## 1 Personal Information

### Current Position

Title: Drexel University Doctoral Candidate  
Research Assistant

Departments: Computer Science

Laboratories: Applied Communications and Information Networking Institute, *de facto* (ACIN)  
<http://www.acincenter.org/>  
Vision Cognition Laboratory (VisCog)  
<http://viscog.cs.drexel.edu/>  
Data Fusion Laboratory (DFL)  
<http://dfl.ece.drexel.edu/>  
Geometric and Intelligent Computing Laboratory (GICL)  
<http://gicl.cs.drexel.edu/>

### Address

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### Education

Degree	Date	GPA	School	Majors
Ph.D.	March 2010 (Anticipated)	4.0	Drexel University	Computer Science
➤ Proposal	January 2010 (Anticipated)			
➤ Candidacy Exam	November 8, 2007			
➤ Qualification Exam	Fall of 2006			
M.S.	2006, June	4.0	Drexel University	Computer Science
➤ Thesis Defense	May 25, 2006			
B.S.	2006, June	3.48	Drexel University	Mathematics Computer Science Dual Major, with Honors

## Employment Background

Date	Position	Institution
2001–Present	Research Assistant	Drexel University Department of Computer Science
2001–2003	Consultant and Independent Contractor	Research Assistant Feith Systems and Software
2001	Independent Contractor	Arch Wireless (Brokered by Feith)
2000	Consultant and Independent Contractor	Pennsylvania Association for Marriage and Family Therapy
1998–2001	Software Engineer	Feith Systems and Software

## Professional Highlights

### Agent Systems Reference Model

2006–2009

[http://gicl.cs.drexel.edu/people/regli/reference\\_model-v1a.pdf](http://gicl.cs.drexel.edu/people/regli/reference_model-v1a.pdf)

Sultanik is a contributing author to a reference model for agent systems, developed under the Applied Communications and Information Networking program, DoD Contract #DAAB07-01-9-L504 to the US Army Communications and Electronics Command Research Development and Engineering Center in support of the Intelligent Agents Sub-Integrated Product Team. As of November, 2006, the reference model has been approved for distribution-unlimited public release with the intent of becoming a FIPA, ISO, and/or IEEE standard. The reference model allows existing and future agent frameworks to be compared and contrasted, as well as providing a basis for identifying areas requiring standardization within the agents community. See paper **J3**.

### HEAT: Heterogenous Agent Teams

2007–2008

Acted as the *de facto* principal investigator (*de jure*: William Regli) for the HEAT project (\$100k over 8 months). Sultanik authored the statement of work for the project and managed its progress. The project has included collaboration with Soartech’s cognitive agent architecture to investigate human-robot teaming: using autonomous robots controlled by a multiagent system to reduce dependence on remote control. Due to the success of the HEAT project, Sultanik and Regli co-authored a proposal with Soartech that was awarded a Small Business Innovation Research program. See demonstration **D15** below.

### Secure Wireless Agent Testbed (SWAT)

2001–2006

A project initially created to study information assurance techniques for handheld devices on wireless networks. Sultanik was among the first students to work on the project, created the initial hardware specification, and helped design the multiagent system. The testbed has been key in several follow-on programs (including the DARPA ATO/SAPIENT and IXO/SPEYES programs) and was/is part of several major demonstration programs for the United States Army, NATO and the United States Department of Justice. A company, Drakontas LLP, is successfully commercializing the SWAT technologies in areas of homeland defense, port security and situation awareness for public protectors. Sultanik contributed to an experiment called “SINCE,” conducted by US Army CERDEC, using the SWAT. The SINCE experiment received the “Best Network-Centric Warfare Program from a Coalition Partner Award” from the Network-Centric Warfare Conference, and also the “International Collaboration Award” from the 25<sup>th</sup> Army Science Conference. See demonstration **D10** below.

### Software Engineer at Feith Systems

1998–2003

Sultanik contributed to the Feith Document Database product line and consulted for Feith’s \$1M+ document imaging solutions. Sultanik created custom software for such corporations as Kellogg’s, Sherwin Williams, The Institute of Electrical and Electronics Engineers, the U.S. Bureau of the Census, and others. Sultanik designed and implemented the the Feith Quick Integrator (links legacy terminal applications to Feith’s flagship FDD product), Barcode Maker (produces barcodes on-the-fly for document indexing), VIP Analyzer

(audits the productivity of Feith users), Easyjuke Cleaner (scans large optical jukebox servers for orphan files, cross-referencing with the central database), FDD Notify (which notifies the user when he/she gets new work in the Feith Workflow iQ system).

## Languages

LANGUAGE		ABILITY
English		Native
Русский	(Russian)	Conversational
Latina	(Latin)	Technical
Esperanto		Intermediate
עברית	(Hebrew)	Basic
Français	(French)	Basic

## Professional Societies

Membership	Society
2003–Present	Association for the Advancement of Artificial Intelligence
2004–Present	Association for Computing Machinery
2005–Present	Institute of Electrical and Electronics Engineers
2008–Present	American Association for the Advancement of Science
2008–Present	The eGullet Society for Culinary Arts & Letters
2009–Present	IEEE Communications Society

## Published Biographical Data

Date	Publication
2004	The Patriot
2005	Pennoni Honors College News, <b>13</b> (3):6
2008	<i>Rising Stars: Future Leaders of Engineering</i> , Page 35, Drexel University College of Engineering
2009	Who’s Who in America, <b>63</b> , Marquis <sup>1</sup>

## 2 Research, Scholarly, and Creative Activities

### 2.1 Theses

- T2.** *Automatic Construction, Maintenance, and Optimization of Dynamic Agent Organizations (Tentative)*. Anticipated completion of Ph.D. Dissertation: March, 2010.
- T1.** *Enabling Multi-Agent Coordination in Stochastic Peer-to-Peer Environments*. Master’s Thesis: May, 2006.

### 2.2 Edited Proceedings

- E1.** Evan A. Sultanik and Robert N. Lass, editors. Proceedings of the Twelfth International Workshop on Distributed Constraint Reasoning. May, 2010 (To Appear).

<sup>1</sup>I know, this is really a scam to get people to buy the books and sell addresses to direct mail marketers. It’s the “Hall of Fame<sup>2</sup>.” I didn’t buy the book.

<sup>2</sup>*The Hall of Fame*. Tucker Carlson. Forbes, March 8<sup>th</sup>, 1999.

## 2.3 Chapters in Books

- B3.** *Metrics for Multiagent Systems.* Robert N. Lass, Evan A. Sultanik, and William C. Regli. Raj Madhavan, Edward Tunstel, and Elena Messina, editors. In *Performance Evaluation and Benchmarking of Intelligent Systems*. Springer-Verlag, New York. 2009.
- B2.** *Agent Transport Simulation for Dynamic Peer-to-Peer Networks.* Evan A. Sultanik, Maxim D. Peysakhov, and William C. Regli. In *Multi-Agent-Based Simulation. Lecture Notes in Artificial Intelligence* **3891**, Springer-Verlag, Berlin. July, 2005.
- B1.** *Service Discovery on Dynamic Peer-to-Peer Networks Using Mobile Agents.* Evan Sultanik and William Regli. In *Agents and Peer-to-Peer Computing. Lecture Notes in Computer Science* **3601/2005:132–143**, Springer-Verlag, Berlin. July, 2004.

## 2.4 Journal Publications

- J6.** *The Secure Wireless Agent Testbed: an Integration of Mobile Agents, Security, and Ad Hoc Wireless Networking.* Gustave Anderson, Donovan Artz, Vincent A. Cicirello, Moshe Kam, Nicholas Morizio, Andrew Mroczkowski, Max Peysakhov, William Regli, and Evan Sultanik. Submitted to *IEEE Transactions on Systems, Man, and Cybernetics—Part C*. (Under Review).
- J5.** *A Stochastic Multiagent Approach to Network-Centric Service Discovery.* Evan A. Sultanik and William C. Regli. Submitted to *ACM Transactions on Autonomous and Adaptive Systems. Special Issue on Adaptive Service Discovery and Composition Systems for Ubiquitous and Pervasive Computing*. (Under Review).
- J4.** *On Optimal Venues for Academic Publication.* Evan A. Sultanik and William C. Regli. In the *Annals of Improbable Research*. (Draft).
- J3.** *Development and Specification of a Reference Model for Agent-Based Systems.* William C. Regli, Israel Mayk, Christopher J. Dugan, Joseph B. Kopena, Robert N. Lass, Pragnesh Jay Modi, William M. Mongan, Jeff K. Salvage, and Evan A. Sultanik. In *IEEE Transactions on Systems, Man and Cybernetics—Part C*, **39**(5):572–596. September, 2009.
- J2.** *Distributed Coordination of First Responders.* Joseph B. Kopena, Evan A. Sultanik, Robert N. Lass, Duc N. Nguyen, Christopher J. Dugan, Pragnesh J. Modi, and William C. Regli. In *IEEE Internet Computing*, **12**(1):45–47. Special Issue on “Crisis Management”. January–February, 2008.
- J1.** *Service-Based Computing on Manets: Enabling Dynamic Interoperability of First Responders.* Joe Kopena, Evan Sultanik, Guarav Naik, Iris Howley, Maxim Peysakhov, Vincent A. Cicirello, Moshe Kam, and William Regli. In *IEEE Intelligent Systems*, **20**(5):17–25. Special Issue on “Artificial Intelligence in Homeland Security”. September–October, 2005.

## 2.5 Refereed Conference Papers

- P22.** *An Efficient Distributed Algorithm for the Location Design and Routing Problem.* Evan A. Sultanik, Ali Shokoufandeh, and William C. Regli. Submitted to *Proceedings of the IEEE International Parallel Distributed Processing Symposium*. April, 2010 (Under Review).
- P21.** *Dynamic Configuration of Agent Organizations.* Evan A. Sultanik, Robert N. Lass, and William C. Regli. In *Proceedings of the International Joint Conference on Artificial Intelligence*. July 17<sup>th</sup>, 2009, Pasadena, California, USA. (25.7% acceptance rate.)
- P20.** *Robust Distributed Constraint Reasoning.* Robert N. Lass, Evan A. Sultanik, Rachel Greenstadt, and William C. Regli. In *Proceedings of the Eleventh International Workshop on Distributed Constraint Reasoning*. July 13<sup>th</sup>, 2009, Pasadena, California, USA.

- P19.** *Constant Cost of the Computation-Unit in Efficiency Graphs for DCOPs.* Marius Silaghi, Robert N. Lass, Evan A. Sultanik, William C. Regli, Toshihiro Matsui, and Makoto Yokoo. In Proceedings of the International Conference on Intelligent Agent Technology. Short Paper. December, 2008, Sydney, Australia. (18% acceptance rate for full papers. 28% acceptance rate for short papers.)
- P18.** *Measurement Techniques for Multiagent Systems.* Robert N. Lass, Evan A. Sultanik, and William C. Regli. In Proceedings of Performance Metrics for Intelligent Systems. August, 2008, Gaithersburg, Maryland.
- P17.** *Dynamic Distributed Constraint Reasoning.* Robert N. Lass, Evan A. Sultanik, and William C. Regli. In Proceedings of the AAAI Conference on Artificial Intelligence. Poster Paper. July, 2008, Chicago, Illinois. (26% acceptance rate.)
- P16.** *The Operation Point Units of Distributed Constraint Solvers.* Marius Silaghi, Robert N. Lass, Evan A. Sultanik, William C. Regli, Toshihiro Matsui, and Makoto Yokoo. In Proceedings of the Distributed Constraint Reasoning Workshop. May 13<sup>th</sup>, 2008, Estoril, Portugal.
- P15.** *Constant Cost of the Computation-Unit in Efficiency Graphs.* Marius Silaghi, Robert N. Lass, Evan A. Sultanik, William C. Regli, Toshihiro Matsui, and Makoto Yokoo. In Proceedings of the Optimization in Multi-Agent Systems Workshop. May 12<sup>th</sup>, 2008, Estoril, Portugal.
- P14.** *Coordination of First Responders Under Communication and Resource Constraints.* Robert N. Lass, Joseph B. Kopena, Evan A. Sultanik, Duc N. Nguyen, Christopher J. Dugan, and William C. Regli. In Proceedings of the Seventh International Conference on Autonomous Agents and Multiagent Systems. May, 2008, Estoril, Portugal.
- P13.** *Evaluation of CBR on Live Networks.* Robert N. Lass, Evan A. Sultanik, Pragnesh Jay Modi, and William C. Regli. In Proceedings of the Ninth International Workshop on Distributed Constraint Reasoning. September 23<sup>rd</sup>, 2007, Providence, Rhode Island, USA.
- P12.** *DCOPolis: A Framework for Simulating and Deploying Distributed Constraint Optimization Algorithms.* Evan A. Sultanik, Robert N. Lass, and William C. Regli. In Proceedings of the Ninth International Workshop on Distributed Constraint Reasoning. September 23<sup>rd</sup>, 2007, Providence, Rhode Island, USA.
- P11.** *Analyzing the Performance of Distributed Algorithms.* Robert N. Lass, Evan A. Sultanik, and William C. Regli. In Proceedings of the Performance Metrics for Intelligent Systems Workshop. August 30<sup>th</sup>, 2007, Gaithersburg, Maryland, USA.
- P10.** *On Modeling Multi-Agent Task Scheduling as a Distributed Constraint Optimization Problem.* Evan A. Sultanik, Pragnesh Jay Modi, and William C. Regli. In Proceedings of the Twentieth International Joint Conference on Artificial Intelligence. January 6<sup>th</sup>, 2007, Hyderabad, India. (15.7% acceptance rate for full papers.)
- P9.** *Constraint Propagation for Domain Bounding in C-TÆMS Task Scheduling.* Evan A. Sultanik, Pragnesh Jay Modi, and William C. Regli. In Proceedings of the Twelfth International Conference on Principles and Practice of Constraint Programming. Poster Paper. September 24<sup>th</sup>, 2006, Nantes, France.
- P8.** *Service-Based Computing for Agents on Disruption and Delay Prone Networks.* Joseph B. Kopena, Gaurav Naik, Maxim Peysakhov, Evan Sultanik, and William C. Regli. In Proceedings of the International Joint Conference on Autonomous Agents and Multi-Agent Systems. Poster Paper. August, 2005, Utrecht, The Netherlands. (24% acceptance rate for full papers. 23% acceptance rate for poster papers.)

- P7.** *Stable Service Placement on Dynamic Peer-to-Peer Networks: A Heuristic for the Distributed  $k$ -Center Problem.* Evan A. Sultanik and William C. Regli. In Proceedings of the Twentieth National Conference on Artificial Intelligence. AAAI Press. Poster Paper. July 9<sup>th</sup>–13<sup>th</sup>, 2005, Pittsburgh, Pennsylvania, USA. (223 papers and 75 posters accepted out of 803 submissions. 37% acceptance rate for poster papers.)
- P6.** *Heuristics for Agent Routing and Itinerary Optimization on Dynamic Networks.* Evan A. Sultanik. In Proceedings of the Twentieth National Conference on Artificial Intelligence. Student Abstract. July, 2005.
- P5.** *Network Awareness and the Philadelphia Area Urban Wireless Network Testbed.* Joseph B. Kopena, Vincent A. Cicirello, Maxim Peysakhov, Kris Malfettone, Andrew Mroczkowski, Gaurav Naik, Evan Sultanik, Moshe Kam, and William C. Regli. In Proceedings of AAAI Spring Symposia on AI in Homeland Security. 2005.
- P4.** *Network Awareness for Mobile Agents on Ad Hoc Networks.* Maxim Peysakhov, Donovan Artz, Evan Sultanik, and William Regli. In Proceedings of the Third International Joint Conference on Autonomous Agents and Multi Agent Systems. July, 2004, New York, New York. (24% acceptance rate for full papers.)
- P3.** *Mobile Agent-Based Search for Service Discovery on Dynamic Peer-to-Peer Networks.* Evan Sultanik. In Proceedings of the Nineteenth National Conference on Artificial Intelligence. Student Abstract. July, 2004.
- P2.** *Architecture and Performance of a Secure Wireless Agent-based Testbed.* Gustave Anderson, Leonardo Urbano, Guarav Naik, David Dorsey, Andrew Mroczkowski, Donovan Artz, Nicholas Morizio, Andrew Burnheimer, Kris Malfettone, Daniel Lapadat, Evan Sultanik, Saturnino Garcia, Maxim Peysakhov, William Regli, and Moshe Kam. In Proceedings of the Second International Information Assurance Workshop. IEEE. April, 2004. (39% acceptance rate.)
- P1.** *Secure Mobile Agents on Ad Hoc Wireless Networks.* Evan Sultanik, Donovan Artz, Gustave Anderson, Moshe Kam, William Regli, Max Peysakhov, Jonathan Sevy, Nadya Belov, Nicholas Morizio, and Andrew Mroczkowski. In Proceedings of the Fifteenth Innovative Applications of Artificial Intelligence Conference. American Association for Artificial Intelligence. August, 2003, Acapulco, Mexico. (23% acceptance rate.)

## 2.6 Technical Reports

- R1.** *Agent Transport Simulation for Dynamic Peer-to-Peer Networks.* Evan A. Sultanik, Maxim D. Peysakhov, and William C. Regli. Drexel University Technical Report DU-CS-04-02.

## 2.7 Invited Talks

Date	Title	Location
December, 2009	Distributedly Solving Connectivity Problems Using the Primal/Dual Schema	U.S. Naval Research Laboratory, Networks and Communication Systems Branch
March 20 <sup>th</sup> , 2009	<i>Ad Hoc</i> Distributed Computation for Coordination, Optimization, and Organization	Koerner Symposium
October 6 <sup>th</sup> , 2008	A Friendly Introduction to Artificial Intelligence	The Applied Communications and Information Networking Seminar Series
May 14 <sup>th</sup> , 2008	Introduction to the Agent Systems Reference Model	Meeting of the Foundation for Intelligent Physical Agents in Estoril, Portugal
February 7 <sup>th</sup> , 2008	Joe and Evan Kick Your !@#%\$, $\LaTeX$ Style!	Drexel University Math and Computer Science Society
July 5 <sup>th</sup> , 2007	An Introduction to Distributed Constraint Optimization	Drexel University Math and Computer Science Society
April 13 <sup>th</sup> , 2007	Enabling Distributed Multiagent Coordination	Drexel Engineering Research Symposium
April 28 <sup>th</sup> , 2006	Multi-Agent Planning and Scheduling in Stochastic Peer-to-Peer Environments	Drexel University Center for Telecommunications and Information Networking Seminar Series
February 7 <sup>th</sup> , 2005	Enabling Information Dissemination on Dynamic Peer-to-Peer Networks	Drexel University Center for Telecommunications and Information Networking Seminar Series

## 2.8 Exhibits, Performances, Demonstrations, and other Creative Activities

- D15.** *Human-Robot Collaboration for Remote Surveillance.* AAAI Intelligent Systems Demonstration Program, July 13<sup>th</sup>–17<sup>th</sup>, 2008, Chicago, Illinois.
- D14.** *DCOPolis: a Framework for Simulating and Deploying Distributed Constraint Reasoning Algorithms.* The International Joint Conference on Autonomous Agents and Multiagent Systems, May 12<sup>th</sup>–16<sup>th</sup>, 2008, Estoril, Portugal.
- D13.** *Disaster Evacuation Support.* AAAI Intelligent Systems Demonstration Program, July 22<sup>nd</sup>–26<sup>th</sup>, 2007, Vancouver, British Columbia.
- D12.** *Disaster Evacuation Support.* The International Joint Conference on Autonomous Agents and Multiagent Systems, May 14<sup>th</sup>–18<sup>th</sup>, 2007, Honolulu, Hawaii.
- D11.** *SWAT: A Secure Wireless Agent Testbed.* IEEE/AFCEA Military Communications Conference, October 17<sup>th</sup>–21<sup>st</sup>, 2005, Atlantic City, New Jersey.
- D10.** *The SINCE Experiment in the C4ISR “On the Move Testbed”.* United States Army Communications and Electronics Command, August 8<sup>th</sup>–11<sup>th</sup>, 2005, Fort Dix, New Jersey.
- D9.** *The AI Technologies of the Philadelphia Area Urban Wireless Testbed.* AAAI Intelligent Systems Demonstration Program, July, 2005, Pittsburgh, Pennsylvania.
- D8.** *SWAT: A Secure Wireless Agent Testbed.* The International Joint Conference on Autonomous Agents and Multiagent Systems, July, 2004, New York, New York.
- D7.** *SWAT: A Secure Wireless Agent Testbed.* AAAI Intelligent Systems Demonstration Program, July, 2004, San Jose, California.

- D6.** *SWAT: A Secure Wireless Agent Testbed.* United States Army Communications and Electronics Command & Research, Development and Engineering Command, June 23<sup>rd</sup>, 2004.
- D5.** *SWAT: A Secure Wireless Agent Testbed.* United States Army Communications and Electronics Command & Research, Development and Engineering Command, June 3<sup>rd</sup>, 2004.
- D4.** *SWAT: A Secure Wireless Agent Testbed.* The International Conference on Planning and Scheduling Demonstration Program, June, 2004, Whistler, British Columbia.
- D3.** *SWAT: A Secure Wireless Agent Testbed.* The Fifth IEEE Workshop on Mobile Computing Systems & Applications, October 9<sup>th</sup>–10<sup>th</sup>, 2003, Monterey, California.
- D2.** *SWAT: A Secure Wireless Agent Testbed.* The Ninth Annual International Conference on Mobile Computing and Networking, September 14<sup>th</sup>–19<sup>th</sup>, 2003, San Diego, California.
- D1.** *SWAT: A Secure Wireless Agent Testbed.* United States Army Communications and Electronics Command & Research, Development and Engineering Command, April 30<sup>th</sup>, 2003.

## 2.9 Original Plans, Designs, Inventions and Patents

<b>Date</b>	<b>Description</b>
2009	<b>JTiKZ</b> A Java AWT/Swing Graphics drop-in replacement that renders to the TiKZ/PGF L <sup>A</sup> T <sub>E</sub> X language. <a href="http://jtkz.sourceforge.net/">http://jtkz.sourceforge.net/</a>
2007	<b>DCOPolis</b> A framework for simulating and deploying distributed constraint reasoning algorithms. See articles <b>P12</b> & <b>P13</b> and demonstration <b>D14</b> . <a href="http://dcpolis.org/">http://dcpolis.org/</a>
2006	<b>exam.cls</b> A L <sup>A</sup> T <sub>E</sub> X class file for easing the generation of exams, quizzes, and answer sheets (intended for instructors).
2006	<b>A Simple and Efficient Framework for Infinite Resolution Simulation</b> (Sefirs) Sefirs provides a Java Thread-like class that executes over simulated time. <a href="http://sefirs.sourceforge.net/">http://sefirs.sourceforge.net/</a>
2005	<b>The Fast Locomotive Escape Expert</b> A stereo vision system for inexpensive consumer hardware, with applications in robot navigation. <a href="http://www.fleebot.com/">http://www.fleebot.com/</a>
2005	<b>Résumé and Curriculum Vitæ Stylesheets</b> A series of XSL transforms, L <sup>A</sup> T <sub>E</sub> X class files and HTML templates for automatically converting a single XML-based representation of one’s curriculum vitæ into a condensed résumé, full CV (in PDF), and also representations in HTML and plain text. It was used to automatically typeset this document!
2004	<b>BasicPlay</b> Software music synthesizer for Basic’s “PLAY” language. <a href="http://freshmeat.net/projects/basicplay/">http://freshmeat.net/projects/basicplay/</a>
2003	<b>Macro Agent Transport Event-based Simulator</b> (MATES) Discrete event simulator for mobile agent systems running on dynamic, peer-to-peer networks. See articles <b>R1</b> , <b>B2</b> , and <b>T1</b> . <a href="http://mates.sourceforge.net/">http://mates.sourceforge.net/</a>
2003	<b>Evan Sultanik’s Semi-Comprehensive Guide to Philadelphia Area Dining</b> <a href="http://restaurants.sultanik.com/">http://restaurants.sultanik.com/</a>
2003	<b>Text-Based Intuitive Personal Information Organizer</b> (Tipio) <a href="http://tipio.sourceforge.net/">http://tipio.sourceforge.net/</a>

## 2.10 Inane Metrics

János Komlós

**Erdős Number** Currently 4: Pál Erdős → Miklós Simonovits → Ali Shokoufandeh → William Regli → Evan Sultanik.

**Bacon Number** Currently 4: Kevin Bacon  $\xrightarrow{\text{Where the Truth Lies (2005)}}$  Rachel Blanchard  $\xrightarrow{\text{Road Trip (2000)}}$  Andy Dick (I)  $\xrightarrow{\text{Hoodwinked! (2005)}}$  Troy Norton  $\xrightarrow{\text{Building Character: Episode BDC-407 (2004)}}$  Evan Sultanik.  
 † Television show.

**Erdős-Bacon Number** Currently 8.

## 3 Fellowships, Prizes and Awards

Date	Award	Institution/Organization
2008	Jay Modi Memorial Award	Drexel University Department of Computer Science
2008	Koerner Family Fellowship	Drexel University College of Engineering
2007	George Hill, Jr. Endowed Fellowship	Drexel University College of Engineering
2007	Graduate Research Fellowship Honorable Mention	National Science Foundation
2006	Provost Fellowship	Drexel University
2006	Graduate Research Fellowship Honorable Mention	National Science Foundation
2006	Undergraduate Award Honorable Mention	Computing Research Association
2005	Student Research Award	Drexel University College of Engineering
2004	Membership	Upsilon Pi Epsilon (ΥΠΕ) International Honor Society
2003	Scholarship	Drexel University BS/MS
2002	Membership	National Society of Collegiate Scholars
2002	Membership	Phi Eta Sigma (ΦΗΣ) National Honor Society
2001	Scholarship	A. J. Drexel
2001	Rank of Eagle Scout	Boy Scouts of America
2001	Associate Membership	National Science and Technology Honor Society

## 4 Teaching and Advising

### 4.1 Courses Taught

Semester	Title	Level	Capacity
Winter 2008	CS481: <i>Advanced Artificial Intelligence</i>	Undergraduate	Guest Lecturer
Fall 2007	CS380: <i>Introduction to Artificial Intelligence</i>	Undergraduate	Instructor
↳ Course/Faculty Assessment (6/24 Students Responded)			<b>Avg.</b>   <b>Std. Dev.</b>
The course objectives and requirements were clearly communicated			4.5   0.5
What is your overall rating of the course? (5 = outstanding, 1 = poor)			4.83   0.37
The instructor was well prepared for the lectures			4.00   0.82
The instructor's communication skills were good			4.33   0.94
The instructor's attitude toward the students was positive and helpful			4.50   0.50
The instructor provided timely feedback on student performance			4.17   0.69
What is your overall rating of the instructor? (5=outstanding, 3=average, 1=poor)			4.33   0.75
5 = Very Great Extent, 4 = Great Extent, 3 = Moderate Extent, 2 = Limited Extent, 1 = Not At All			
Fall 2006	CS380: <i>Introduction to Artificial Intelligence</i>	Undergraduate	Instructor
↳ Course/Faculty Assessment (12/22 Students Responded)			<b>Avg.</b>   <b>Std. Dev.</b>
The course objectives and requirements were clearly communicated			4.82   0.39
What is your overall rating of the course? (5 = outstanding, 1 = poor)			4.45   0.66
The instructor was well prepared for the lectures			4.36   0.64
The instructor's communication skills were good			4.55   0.66
The instructor's attitude toward the students was positive and helpful			4.82   0.39
The instructor provided timely feedback on student performance			4.64   0.48
What is your overall rating of the instructor? (5=outstanding, 3=average, 1=poor)			4.64   0.48
5 = Very Great Extent, 4 = Great Extent, 3 = Moderate Extent, 2 = Limited Extent, 1 = Not At All			
Fall 2006	CS510: <i>Artificial Intelligence</i>	Graduate	Guest Lecturer

## 5 Service

Date	Activity
2010	International Workshop on Distributed Constraint Reasoning co-chair.
2009	External reviewer for The International Journal for Computers and Their Applications.
2009	Reviewer for the Privacy Enhancing Technologies Symposium.
2009	Reviewer for the Performance Metrics for Intelligent Systems Workshop.
2008	Reviewer for the International Joint Conference Autonomous Agents and Multiagent Systems.
2007	Reviewer for the International Joint Conference on Artificial Intelligence.
2006	Reviewer for the ACM/IEEE International Symposium on Modeling, Analysis and Simulation of Wireless and Mobile Systems.
2006–2009	President of the Drexel University Computer Science Graduate Student Council <sup>3</sup> .
2004	Chartering member of Drexel University chapter of the IEEE Computer Society.
2000–2001	Assistant Scoutmaster for Boy Scout Troop 133.

## 6 Other

United States Department of Defense Secret Clearance (since 2003); and Violinist (for over 20 years).

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<sup>3</sup><http://csgsc.cs.drexel.edu/>

## 7 References

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