

# Cody Buntain

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## Personal Information

### Education

8/2011–Present **PhD in Computer Science**, *University of Maryland*, College Park, MD.

Advisor: Professor Jennifer Golbeck

5/2007–5/2010 **MS in Computer Science**, *University of Alabama in Huntsville*, Huntsville, AL.

Advisor: Professor Daniel Rochowiak

8/2003–5/2007 **BS in Computer Science and Mathematics**, *University of Alabama in Huntsville*, Huntsville, AL.

Honors: Summa Cum Laude

### Relevant Employment Background

8/2011–Present **Research Scientist**, *Pikewerks Corporation/Raytheon Pikewerks*, Arlington, VA, Part-Time.

8/2009–8/2011 **Director of Research**, *Pikewerks Corporation*, Madison, AL.

5/2009–8/2009 **Research Engineer**, *Pikewerks Corporation*, Madison, AL.

8/2007–5/2009 **Graduate Research Assistant**, *University of Alabama in Huntsville*, Huntsville, AL.

1/2007–9/2008 **Software Developer/Project Lead**, *Monte Sano Associates*, Huntsville, AL.

5/2006–9/2006 **Student Specialist III**, *University of Alabama in Huntsville – RSESC*, Huntsville, AL.

11/2004–8/2006 **Student Specialist I/II/III**, *University of Alabama in Huntsville – Computer and Network Services*, Huntsville, AL.

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## Research, Scholarly, and Creative Activities

### Monographs, Reports, and Extension Publications

- Cody Buntain, **A Game-Theoretic Comparison Of Genetic And Model-Based Agents In Learning Strategic Interactions**, Master's Thesis, University of Alabama in Huntsville, 2010.

## Refereed Conference Proceedings

- Cody Buntain, Sarit Kraus, and Amos Azaria, Leveraging Fee-Based, Imperfect Advisors in Human-Agent Games of Trust, in *Proceedings of the Twenty-Eighth Conference on Artificial Intelligence*, 2014.
- Cody Buntain, Jennifer Golbeck, Dana Nau, and Sarit Kraus, Advice and trust in games of choice, in *Tenth Annual International Conference on Privacy, Security and Trust (PST), 2012*, 2012, pp. 157–158.
- John Rushing, Todd Berendes, Hong Lin, Cody Buntain, and Sara Graves, Spyglass: A system for ontology based document retrieval and visualization, *22nd International FLAIRS Conference*, 2009.
- Cody Buntain, 3D ontology visualization in semantic search, in *Proceedings of the 46th Annual Southeast Regional Conference of the ACM*, 2008, pp. 204–208.

## Refereed Workshops

- Cody Buntain and Jennifer Golbeck, Trust Transfer Between Contexts, under review for inclusion in *Proceedings of the Workshop on Incentives and Trust in E-Communities, AAAI*, 2014.
- Cody Buntain and Jennifer Golbeck, Social Roles in Multi-Community Websites, in *Proceedings of the 5th International Workshop on Modeling Social Media*, 2014.
- Nadya Belov, Jason Schlachter, Cody Buntain, and Jennifer Golbeck, Computational trust assessment of open media data, *2013 IEEE International Conference on Multimedia and Expo Workshops (ICMEW)*, 2013.

## Poster Presentations

- Cody Buntain, Jennifer Golbeck, Dana Nau, and Sarit Kraus, Advice and trust in games of choice, in *University of Maryland AI Day*, April 2012.

## Invited Talks

- “Applications of and Issues in Machine Learning in Social Networks”  
University of Alabama in Huntsville  
Huntsville, AL (29 May 2013)
- “Supply Chain Risk Management for Fun and Profit”  
InfraGard Huntsville Chapter  
Huntsville, AL (March 2011)
- “Environmental key generation and hardware-binding”  
The Anti-Tamper Short Course  
Huntsville, AL (10 June 2010)

## Professional Talks

- “On Shaky Ground – Low-Level Threats in the Supply Chain”  
North Alabama Cyber Security Summit  
Huntsville, AL (June 2012)

- “Learn, protect, adapt: Expanding protections outside the box”  
Software Protection, Information Assurance, and Anti-Tamper SBIR Workshop  
Dayton, OH (July 2010)

### Contracts and Grants

Role and Program: **PI**, “Automated Program Analysis in Cybersecurity”

Employer: Raytheon Pikewerks

Sponsor: Defense Advanced Research Projects Agency (DARPA)

Duration: March 2012 – August 2013

Role and Program: **PI**, “Deception Studio: Attacker Characterization and Dynamic Relocation”  
Phase II

Employer: Pikewerks Corporation

Sponsor: Air Force Research Labs (AFRL)

Duration: March 2011 – April 2013

Role and Program: **PI**, “Imbuing Trust in Untrusted Hardware to Improve Protections” Phase I

Employer: Pikewerks Corporation

Sponsor: Air Force Research Labs (AFRL)

Duration: November 2010 – May 2011

Role and Program: **PI**, “Deception Studio: Attacker Characterization and Dynamic Relocation”  
Phase I

Employer: Pikewerks Corporation

Sponsor: Air Force Research Labs (AFRL)

Duration: November 2009 – May 2010

### Fellowships and Awards

Award: OSD-PIRE Fellowship

Institution: Florida International University and the University of Amsterdam

Date: Summer 2014

Award: Goldhaber Travel Award

Institution: University of Maryland

Date: March 2014

Award: International Conference Student Support Award

Institution: University of Maryland

Date: February 2014

Award: Gannon Travel Grant for Conference Presentation  
Institution: University of Maryland – Computer Science Department  
Date: February 2014

### Reviewing Activities for Journals and Other Learned Publications

- **CHI:** ACM Conference on Human Factors in Computing, 2014

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## Teaching and Mentoring

### Courses Taught

- **CMSC132:** Introduction to Java Programming II (Teaching Assistant)  
Fall 2011 – Two lab sections

### Mentoring Roles

- Alumnus Chapter Advisor to the Huntsville Chapter of Delta Chi  
Fall 2009 – Fall 2011