

# Ruj Akavipat

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## Education

- 2009 Ph.D. in Computer Science  
Computer Science Program, School of Informatics and Computing,  
Indiana University, Bloomington, IN
- Jan - May 2002 Ph.D. Program in Electrical Engineering and Computer Science,  
The University of Kansas, Lawrence, KS
- 2001 Master of Computer Science, Department of Computer Science,  
Southern Illinois University Carbondale (SIUC), Carbondale, IL
- 1997 Bachelor of Electrical Engineering (Telecommunications) with First  
Class honors, Sirindhorn International Institute of Technology,  
Thammasat University, Thailand

## Professional Experiences

- February 2010 - **Computer Security Research Consultant**  
present Independent subcontractor to Extricatus LLC
- Fall 2007- present **Research Associate**  
Supervisor: Dr. Thomas Busey and Dr. Chen Yu  
Department of Psychological and Brain Sciences, Indiana  
University, Bloomington, IN  
Researching and developing a software system for a portable eye  
tracking system.
- Summer 2008, **Summer Intern**  
Summer 2007 Supervisor: Dr. Burton Kaliski  
EMC Corporation, Hopkinton, MA
- Spring 2005- **Research Assistant**  
present Supervisor: Dr. Filippo Menczer  
Spring 2004 Computer Science Program, School of Informatics and Computing,

Indiana University, Bloomington, IN  
Researching and developing Sixearch, a peer-to-peer information sharing,

Fall 2004  
Fall 2003

**Associate Instructor**

Supervisor: Dr. Geoffrey Brown

P436 Introduction to Operating Systems (2004)

Supervisor: Dr. Daniel Friedman

C311 Programming Languages (2003)

Computer Science Program, School of Informatics and Computing,  
Indiana University, Bloomington, IN

Spring 2002

**Graduate Assistant (Grader)**

Supervisor: Dr. Nancy Kinnersley

Department of Electrical Engineering and Computer Science, The  
University of Kansas, Lawrence, KS

Spring - Fall 2001

**Research Assistant**

Supervisor: Dr. Norman Carver

Department of Computer Science, Southern Illinois University,  
Carbondale, IL

Research in multi-agents belief network and LISP programming.

Fall 1999 - 2000

**Teaching Assistant (Associate Instructor)**

Supervisor: Dr. Namdar Mogharreban

Department of Computer Science, Southern Illinois University,  
Carbondale, IL

Teaching undergraduate course: Microsoft Office and Introduction to  
Computer

Summer 1999

**Programmer**

Center for Archaeological Investigations, Southern Illinois  
University, Carbondale, IL

1997 - 1999

**Teaching and Research Assistant (Full-time position)**

Sirindhorn International Institute of Technology, Thammasat  
University, Thailand

1995 - 1997

**Computer System Administration Assistant**

Sirindhorn International Institute of Technology, Thammasat  
University, Thailand

Summer 1996

**Practical Trainee**

Research and Development Center, Sharp Corporation, Tenri, Japan

## **Publications & Conference Presentations**

1. Lele, N, Wu, L-S, Akavipat, R, and Menczer, F: Sixearch.org 2.0 Peer Application for Collaborative Web Search. *Proc. 20th ACM Conf. on Hypertext and Hypermedia (HT) 2009*
2. F. Menczer, L.-S. Wu, R. Akavipat: Intelligent peer networks for collaborative Web search. *AI Magazine* 29(3): 35, Fall 2008
3. L.-S. Wu, R. Akavipat, A. Maguitman, F. Menczer: Adaptive Peer to Peer Social Networks for Distributed Content Based Web Search. *Social Information Retrieval Systems: Emergent Technologies and Applications for Searching the Web Effectively*, IGI Global, 2007
4. L.-S. Wu, R. Akavipat, F. Menczer: 6S: P2P Web index collecting and sharing application. Application presented at RIAO 2007
5. R. Akavipat, L.-S. Wu, F. Menczer, and A. Maguitman, Emerging Semantic Communities in Peer Web Search. *ACM CIKM P2PIR*, 2006
6. R. Akavipat, *Ethically Studying Man in the Middle*. Case studies in Phishing and Countermeasures, Wiley, pp.622-639, 2006.
7. L.-S. Wu, R. Akavipat, and F. Menczer, 6S: Distributing crawling and searching across Web peers. *Proceedings of WTAS*, 2005
8. L.-S. Wu, R. Akavipat, and F. Menczer, Adaptive Query Routing in Peer Web Search. *Poster Proceedings of WWW2005*.
9. R. Akavipat, L.-S. Wu, and F. Menczer, Small World Networks in Distributed Web Search. *Proc. 13th Intl. WWW Conf. Alt. Track Papers and Posters*, pp. 396-397, 2004
10. Presenter at TESOL Conference, March 31, 2004 at Long beach California (Electronic Village), Topic: Scaffolding Techniques for Online Reading Instruction/Learning
11. Carver, N. and Akavipat R, Analyzing the Efficiency of Strategies for MAS-based Sensor Interpretation and Diagnosis. *AAMAS' 03 Proceedings (Poster Session)*, ACM 2003.

## **Software Projects**

- 6Search: Peer-to-Peer Bookmark and Share System (<http://sixearch.org>)
- ExpertEyes: An Open Source Eyetracking Application (<http://code.google.com/p/experteyes>)

## **Professional Service**

### **Program Committees:**

ACM Conference on Hypertext and Hypermedia (2008, 2009, 2010)

### **Reviewer:**

IEEE Transaction on Parallel and Distributed System (2007)

Intl' World Wide Web Conference (2005)