

Anna Zacchi

Interests

Full time position.
Area of interest: Human Computer Interaction.
Design and development of technologies and study of their use and impact.

Education

Texas A&M University, College Station, TX, USA
Ph.D. in Computer Science, Dec 2011 Overall GPA 3.7 Program GPA 4.0
Dissertation: “Challenges and Techniques for Personal Environment Management”
Developed Docksy, a java program to organize activities using documents
Conducted two user studies on how people manage their documents on their computer and using Docksy
Adviser: Dr. Frank Shipman
Master in Computer Science, Dec 1999 Program GPA 3.5
Conducted a user study in a local elementary school to evaluate the use of physical objects to complement the interface of an electronic game for teaching mathematics
Thesis: “Merging Physical Manipulatives and Digital Interface Facilitates the Transition to Abstract Knowledge”
Adviser: Dr. Nancy Amato

CEFRIEL, Milan, Italy
Master in Information Technology, July 1993 A
Development of a temporal reasoning system for an expert system that detects faults on electric power lines

Universita’ degli Studi di Milano, Milan, Italy
Laurea, Computer Science, October 1993 Summa Cum Laude
Thesis in AI: development of a C++ library for temporal reasoning.
Adviser: Dr. Italiani

Experience

Texas A&M University, College Station , TX, USA
Research assistant (20h/week) Fall 2008–Spring 2010
NSF project: NG911 security
Code development (JavaME application for smartphones)
Supervisor: Dr. Walt Magnussen, Dr. Ana Goulart
Research assistant (20h/week) Fall 2007–Summer 2008
DOT Project: Next Generation 911 (NG911)
Code development (java SMS gateway between SMS gateway and SIP), performance testing

Supervisor: Dr. Walt Magnussen
Teaching assistant (20h/week) Fall 2006–Spring 2007
Lab Assistant for Java, C, and C++ classes

Supervisor: Dr. Teresa Leyk
Research assistant (20h/week) Fall 2002–Summer 2006
VKB project: code development

VKB project: user studies
Supervisor: Dr. Frank Shipman

IBM Almaden Research Center, San Jose, CA, USA
Internship Summer 2002

USER group: ethnographic study of Websphere administrators
Supervisors: Dr. Dan Russell , Dr. Paul Maglio, Dr. Eser Kandogan

Co-op Summer 2000–Summer 2001
Storage Systems group
Design of an interface for storage administrators
Interviews and studies of storage administrators

Texas A&M University, College Station , TX, USA
Teaching assistant (20h/week) Spring 1999-Spring2000

Lab Assistant for Java, C, and C++ classes
Supervisor: Dr. Walter Daugherty

Research assistant (20h/week) Summer 1996–Fall 1998
Research on training systems for F-16 maintenance
Supervisor: Dr. John Yen

Ars Informatica (now GLAMM), Milan, Italy
Web Designer 1995–1996

Interaction with company representatives to inform the design of web sites
Design of web sites
Implementation of software for the development of civic networks
Wrote a school planner for children about Internet

Universita' degli Studi di Milano, Milan, Italy
Research Assistant 1994-1996

Development and organization of a four days intensive course for industry and academia: "Fuzzy Logic & Soft Computing" (October 1994)
Instructor for one session of the course among other 16 instructors
Development of a multimedia course about Fuzzy Logic

Fellowships: Universita' degli Studi di Milano, Milan , Italy
"Study abroad and research Fellowship" 1996–1997
Fuzzy logic

Supervisor: Prof. Gianni Degli Antoni (Milan Univ.), Prof. John Yen (Texas A&M Univ.)

SGS-Thomson Microelectronics and Consorzio Milano Ricerche, Milan , Italy

“Technology Transfer” 1994

Supervisors: Prof. Gianni Degli Antoni (Univ. of Milano), prof. Francesco Archetti (Consorzio Milano Ricerche), and Dott. Poluzzi (SGS-Thomson).

IBM

“CEFRIEL Fellowship” 1992-1993

Fellowship to attend a master in Information Technology at CEFRIEL.

Adviser: Eng. Ulrico Canzi.

Publications

- Zacchi, A., Goulart, A. and Magnussen, W. A framework for securing the signaling plane in the emergency services IP network (ESINet). In: Consumer Communications and Networking Conference (CCNC), 9-12 Jan. 2011 Las Vegas, NV, IEEE, 515-516.
- Goulart, A, Zacchi, A Chintapatla, B, Magnussen, W, Lessons Learned on the Operation of the LoST Protocol for Mobile IP-Based Emergency Calls, International Journal of Information Systems for Crisis Response and Management (IJISCRAM), Editors: M.E. Jennex, B. Van de Walle. 2010 vol 2 issue 3.
- Bae S., Kim D., Meintanis K., Moore J.M., A. Zacchi A., Shipman F., Hsieh H., and Marshall C., “Supporting Document Triage via Annotation-Based Multi-Application Visualizations”, Proceedings of ACM and IEEE Joint Conference on Digital Libraries (JCDL), 2010. (27%)
- Kim, J.Y., Song, W., Schulzrinne, H., Zacchi, A. and Jain, A., Next Generation 9-1-1 Proof-Of-Concept System. SIGCOMM 2008, (2008), ACM.
- Bae, S., Hsieh, H., Kim, D., Marshall, C., Meintanis, K., Moore, J.M., Zacchi, A. and Shipman, F., Supporting Document Triage via Annotation-based Visualizations. Proceedings of the Annual Meeting of the American Society of Information Science & Technology (ASIS&T), (2008).
- Zacchi A., Shipman F. “Personal Environment Management”, ECDL 2007.
- Soonil Bae, Catherine C. Marshall, Konstantinos Meintanis, Anna Zacchi, Haowei Hsieh, J. Michael Moore, Frank M. Shipman “Patterns of Reading and Organizing Information in Document Triage” ASIST 2006.
- Badi, R., Bae, S., Moore, J. M., Meintanis, K., Zacchi, A., Hsieh, H., Shipman, F., and Marshall, C. C. 2006. “Recognizing user interest and document value from reading and organizing activities in document triage.” In Proceedings of the 11th international Conference on

intelligent User interfaces (Sydney, Australia, January 29 - February 01, 2006). IUI '06. ACM Press, New York, NY, 218-225.

- S. Bae, R. Badi, K. Meintanis, J.M. Moore, A. Zacchi, H. Hsieh, C. Marshall, F. Shipman, "Effects of Display Configurations on Document Triage", Human-Computer Interaction: INTERACT 2005 Pages 130 - 143.
- F. Shipman, H. Hsieh, J.M. Moore, A. Zacchi, "[Supporting Personal Collections across Digital Libraries in Spatial Hypertext](#)", Proceedings of the ACM and IEEE Joint Conference on Digital Libraries, 2004, pp. 358-367.
- Anna Zacchi and Nancy M. Amato, Merging Physical Manipulatives and Digital Interface in Educational Software, ED-MEDIA 2000: World Conference on Educational Multimedia, Hypermedia and Telecommunications, 2000.
- A. Zacchi, Merging Physical Manipulatives and digital interface in educational software, Master Thesis, Department of computer Science, Texas A&M University, College Station, TX, 1999.

Languages

Fluent in English and Italian

**Work
Authorization**

Sponsorship required.