

Maritza L. Johnson

110 Morningside Dr. #64

New York, NY 10027

Mobile: (619) 694-8047

maritzaj@cs.columbia.edu

Education

PhD student in Computer Science, Expected May 2011
School of Engineering and Applied Science, Columbia University

PhD student in Computer Science, Sept 2005 – May 2006
Dwight Look College of Engineering, Texas A&M University

BA in Computer Science, May 2005
University of San Diego

Publications

- Johnson, M. L., Zurko, M., Security User Studies and Standards: Creating Best Practices, *Security User Studies: Methodologies and Best Practices, CHI '07*, April 2007.
- Toups, Z. O., Graeber, R., Kerne, A., Tassinary, L., Berry, S., Overby, K., Johnson, M., A Design for Using Physiological Signals to Affect Team Game Play, *Proc Augmented Cognition International, (ACI)*: Oct 2006.

Skills

Research Interests: Usability, Security technologies, Human Factors, Privacy technologies.

Technical Skills: Java, PHP, Python, Javascript, C/C++, HTML.

System Administration: Windows, MySQL, UNIX (Linux, OS X).

Employment History

Graduate Research Assistant

Columbia University

September 2006 – present

I am a PhD student working under the advisement of Prof. Steven Bellovin. My research interests are in the area of usable security. My current work includes the design of a testbed for evaluating the usability of website authentication technologies. I'm also involved in a W3C working group for creating standards of the display of usable security context information on the web.

Research Intern

AT&T Labs

June 2007 – August 2007

During the summer I investigated methods of displaying outgoing browser activity to the user. My project was designing a browser extension capable of correlating all activity with the user's browsing history. I worked under the instruction of Norm Schryer and Tom Killian.

Software Engineer

*Trouvé Publishing, Burlingame, CA
May 2006 – August 2006*

As a member of the engineering team, I developed a Google Maps mash-up of airport parking facilities using the content management system Drupal. I was also responsible for various smaller web programming tasks using PHP, Javascript and MySQL.

Graduate Research Assistant

*Texas A&M University
September 2005 – May 2006*

I was a member of the Interface Ecology Lab and was advised by Andruid Kerne. I contributed to the development of a location-aware team coordination game that promoted the development of team cognition.

Undergraduate Research Assistant

*Texas A&M University
June 2004 – August 2004*

As a CRA-W DMP student I performed research as a member of the Brain Networks Lab. Our focus was investigating various properties of the *c.elegan* neural network. I was advised by Yoonsuck Choe and Ricardo Guterrez-Osuna.

Professional Memberships and Activities

- Member of W3C Web Security Context Working Group, November 2006 – Present
- Vice President - Columbia Women in Computer Science, October 2006 – Present
- Computer Science representative for Columbia Women in Science, 2006 – Present
- Reviewer – APWG eCrime Researchers Summit, 2007
- Reviewer – Usable Security 2007, 2007
- Anita Borg Institute Grace Hopper Volunteer October 2007
- Columbia Girl's Science Day Event Organizer (November 2006)
- Grace Hopper Conference Student Volunteer (October 2006)
- Vice President - Aggie Women in Computer Science, 2005 - 2006

AWARDS

- AT&T Labs Fellowship Recipient, 2007-2010
- Graduate Diversity Fellow -Texas A&M University, 2005 - 2006
- NSF Fellowship Honorable Mention, 2005
- AT&T Labs Fellowship Finalist, 2005
- USD Departmental Award for Academic Excellence in Computer Science, 2005
- CRA-W Distributed Mentor Project Participant, 2004
- Hispanic National Merit Scholar, 2002