

Candidate for Secretary

Eric Wong
University of Texas at Dallas, Richardson, TX USA

BIOGRAPHY

Academic Background:

Ph.D., Purdue University, 1993, Computer Science.

Professional Experience:

Associate Professor/Coordinator, Software Engineering Group, University of Texas at Dallas, Richardson, TX, 2002 – Present;

Senior Research Scientist/Project Manager, Telcordia Technologies (formerly Bellcore), Morristown, NJ, 1995 – 2002;

Member of Technical Staff, Hughes Network Systems, Germantown, MD, 1994 – 1995;

Professional Interest:

Software Testing & Maintenance; Software Reliability; Software Safety; Software Metrics; Quality of Service.

ACM Activities:

Chair of the Software Engineering, Track of ACM SAC conference, SIGAPP, 2007 – 2009;
Program committee member of ACM, SAC conference, SIGAPP, 2005 – 2009.

Membership and Offices in Related Organizations:

Member of Administrative Committee, IEEE Reliability Society, 2008 – 2010;

Member of Standing Committee, International Computer Software and Applications Conference, 2006 – Present;

Member of Steering Committee, International Workshop on Automation of Software Test, 2008 – Present.

Awards Received:

Quality Assurance Special Achievement Award, JSC, NASA, 1997;

Best paper award at COMPSAC 2007.

STATEMENT

With the increased emphasis on the quality of software and systems, and the pressure for cheaper and faster delivery, new methodologies are required for creating more dependable software and systems in a more effective way. My experience in both industry and

academia helps me to contribute usefully to the SIGAPP community by providing channels to academic researchers to expand their awareness of the areas that are vital to industry, and also to allow practitioners to express their needs.

Serving as program and general chair for many international conferences has given me an opportunity to learn how to organize conferences efficiently and effectively. If elected, I would work closely with the SIGAPP community to ensure conferences such as SAC attract more attendees from different sectors including government agencies, corporations, and universities. Efforts to improve student participation will be a priority, including a joint effort with industry to provide travel awards for top-quality student authors.

As Secretary, I would also promote SIGAPP to increase its recognition in academic and industrial communities and establish communication with other SIG groups. The objective is to help SIGAPP to not only grow its membership but also recruit more volunteers for its future development.