

Mike P. Wittie

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Computer Science Department
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Education

- 09/2004 – Present Ph.D. Computer Science
University of California, Santa Barbara, CA
Expected graduation: Spring 2010
Current GPA: 4.0
- 12/2004 M.S. Computer Science
University of Pennsylvania, Philadelphia, PA
- 05/2003 B.A. Cognitive Science cum laude
University of Pennsylvania, Philadelphia, PA

Publications

- Mike P. Wittie, Khaled A. Harras, Kevin C. Almeroth, Elizabeth M. Belding. Cloud Routing: Self Aware Traffic Routing in ParaNets-Enabled Delay Tolerant Mobile Networks. Under submission.
- Vadim Slavim, Michael Polyakov, Mark Quilling, Mike Wittie, Matthew Andrews. Mobile Ad Hoc Networks (MANET) Protocols Evaluation Framework. *2007 Military Communications Conference (MILCOM 2007)*, October, 2007.
- Mike P. Wittie, Brett Stone-Gross, Kevin C. Almeroth and Elizabeth M. Invited Paper: MIST: Cellular Data Network Measurement for Mobile Applications. *Fourth International Conference on Broadband Communications, Networks, and Systems (BROADNETS 2007)*, September 2007.
- Khaled A. Harras, Mike P. Wittie, Kevin C. Almeroth, Elizabeth M. Belding, Paranets: A Parallel Network Architecture for Challenged Networks. *The 8th IEEE Workshop on Mobile Computing Systems and Applications (HotMobile 2007)*, February, 2007.

Teaching Experience

- 09/2005 – 04/2006 **Teaching Assistant**
University of California, Santa Barbara, CA
- CS 10: Computer Programming
 - CS 5: Introduction to Computer Programming
- 09/2002 – 12/2002 **Teaching Assistant**
University of Pennsylvania, Philadelphia, PA
- CS 240: Introduction to Computer Architecture

Work Experience

- 05/2005 – **Research Assistant**
Present University of California Santa Barbara
Santa Barbara, CA
- Researched topics including wireless emulation, routing algorithms in ad hoc and delay tolerant networks, and cellular network performance.
 - Interfaced with the inter-institutional research team on the DARPA CBMANET program.
 - Assisted with creation of reviews of conference publications.
- 12/2004 – **Software Engineer**
08/2005 Rockwell Collins (formerly Anzus, Inc.), San Diego, CA
- Directed the Weapon Data Link (WDL) ordinance communication system development team.
 - Mentored junior level engineers.

Honors and Awards

- NSF IIE Central European Science Research Institute Fellowship at Warsaw University of Technology, Summer 2007.
- UC Santa Barbara, Computer Science Outstanding Teaching Assistant (honorable mention), Fall 2005.

Research Interests

Wireless routing protocols, delay tolerant networks, network technology integration, wireless emulation techniques.

Technical Skills

Languages	C/C++, Java, php
Databases	MySQL
Other Technologies	OPNET, LabView, XML, HTML