

Aaron Schulman

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Research Interests

Networking, wireless networks, network measurement, incentives in wireless networks, and security.

Education

University of Maryland, College Park

Ph.D, Department of Computer Science
Started Fall 2007, expected graduation Summer 2012.
GPA: 3.75
Advisor: Neil Spring

University of Maryland, College Park

B.S. Computer Science, May 2007. Minor: Philosophy

Conference Publications

1. *On the Fidelity of 802.11 Packet Traces*
Aaron Schulman, Dave Levin and Neil Spring
PAM 2008 (Passive and Active Measurement Conference)

Workshop Publications

1. *Visualizing Real-Time Network Resource Usage*
Ryan Blue, Cody Dunne, Adam Fuchs, Kyle King and **Aaron Schulman**
To appear in VizSEC 2008 (Workshop on Visualization for Cyber Security)

Professional Experience

University of Maryland (advisor: Neil Spring), College Park, MD

Research Assistant

2007-Present

Researching various areas of wireless networking, including packet trace analysis and protocol design.

Microsoft Research (mentor: Galen Hunt), Redmond, WA

Research Intern

Summer, 2008

Researched and developed a new system for synchronizing data between PC's and mobile devices.

Northrop Grumman Mission Systems: Essex Windermere, Annapolis, MD

Software Engineer

2007-2008

Designed and implemented software and hardware for a wireless system.

Consortium Research Fellows Program: National Defense University, Fort McNair, DC

Research Fellow

2005-2007

Assisted in the design, implementation and presentation of an Information Assurance Laboratory used in executive briefings, presentations to foreign dignitaries and masters level coursework.

National Geodetic Survey: National Oceanic & Atmospheric Administration, Silver Spring, MD

Systems Administrator

2004-2005

Administered Sun and HP servers for hundreds of clients spanning several government organizations.

Teaching Experience

Graduate Teaching Assistant

University of Maryland: CMSC412 Operating Systems

Fall, 2008

Undergraduate Teaching Assistant

University of Maryland: CMSC420 Data Structures

Revised and improved the specification for a semester long project. Answered students' questions regarding the project.

Spring, 2006

References

Neil Spring

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Michelle Hugue

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