Elliot Proebstel

Education

UNIVERSITY OF CALIFORNIA, DAVIS   DAVIS, CA
Master of Science, Computer Science, expected Summer 2007. Security concentration.
Focused research in network security, intrusion detection, and vulnerability analysis

SIMMONS COLLEGE   BOSTON, MA
Bachelor of Science, Computer Science and Philosophy (Dual majors), May 2004   GPA 3.967
Graduated Summa Cum Laude. Focused studies in technology ethics and security issues

Technical Skills

Operating Systems: Windows, Linux, Macintosh
Languages: Perl scripting, basic JAVA-language programming, basic C/C++, basic R
Networking: Experienced in designing, maintaining, and securing networks
Security: Proficient with SNORT, tcpdump, and network fingerprinting tools
Other: Skilled in software support and PC hardware repair

Experience

Intern, *Sandia National Labs Center for Cyber Defenders,* Livermore, CA   Summer/Winter 2005 / 2006
- *Red Team:* performed security analysis on commercially available off the shelf products.
- Co-authored "Work in Progress: Who is Watching You? Video Conferencing Security" *IEEE SecureComm,* 2006.
- Performed code review to prepare *NetState*, a network monitoring tool, for open source release.
- Developed an installer for *NetState*'s web interface, aided in the development of other installers.

Student Technician/Intern, *Simmons College Help Desk*, Boston, MA   2002 - 2004
- Created a self-sustaining donation program for retired Simmons computers.
- Performed professional-level repairs of software/hardware for campus computers.
- Honored for excellent performance, September 2003.
- Developed and presented Student Computer Security Seminar

Course Study Group Leader, *Simmons College Academic Support Center,* Boston, MA   2003 - 2004
- Led study groups for Symbolic Logic.
- Clarified the curriculum and assignments, helped students prepare for exams.

Scholarships

Sandia Excellence in Engineering Fellowship   Fall 2004 – Present
Simmons Centennial Scholarship   Fall 2000 – Spring 2004

Publications

E. Proebstel, S. Riddle, F. Hsu, J. Cummins, F. Oakley, T. Stanionis, M. Bishop. "An Analysis of the Hart Intercivic DAU eSlate." (In submission to USENIX/ACCURATE Electronic Voting Technology Workshop 07.)

N. Jam, E. Proebstel. "Work in Progress: Who is Watching You? Video Conferencing Secuirity." In *Proceedings of 2006 IEEE Workshop on Enterprise Network Security*. August 2006.

S. Engle, S. Whalen, D. Howard, A. Carlson, E. Proebstel, M Bishop. "A Practical Formalism for Vulnerability Comparison." (In-house publication)

Professional Service

C.S. Representative to Grad Student Association   2004 – 2005