

Michael T. Hunter

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Objective

To find an interesting and challenging position that makes use of my education, technical experience and leadership skills

Experience

Research Scientist Georgia Institute of Technology

Atlanta, Georgia, 2/2007 - present

- Research coordinator and industry liaison for the Georgia Tech Information Security Center (GTISC)
- Conducted, organized and consulted on research into Voice over Internet Protocol (VoIP) security, IP Multimedia Subsystem (IMS) security, network security, SPAM, online information credibility, e-democracy, and other security-related topics
- Oversaw and collaborated with graduate student researchers and other workers in completion of research tasks, including multi-researcher projects in partnership with external sponsors
- Represented the research group to industry, government and military agencies interested in information security
- Lead GTISC interactions with the Georgia Tech Research Institute, including new initiatives for security-related applied research (obtained US secret clearance)
- Program Coordinator for Georgia Tech's *Master of Science in Information Security* degree.
- Faculty Advisor for the Georgia Tech Solar Jackets

Systems Programmer University of California at Berkeley

Berkeley, California, 10/2002 - 09/2006

- Programmer/Analyst III for Communication and Network Services, provider of infrastructure and support services for all campus electronic communication
- Implemented software to gather and process network device inventory and usage statistics (with both policy input and technical implementation of privacy guidelines)
- Deployed shell and web tools for myself and others to analyze network trends and diagnose problems
- Designed, deployed, and administered FreeBSD, Linux and Solaris systems for network monitoring, remote access, and firewall applications
- Performed low-level network security analysis and identified system compromises
- Performed network trouble-shooting and resolution, from failed hardware to complex network protocol diagnostics

Visiting Lecturer, Teaching Assistant University of Illinois at Urbana-Champaign

Urbana, Illinois, 8/2000 - 5/2002

- Taught the Introduction to Computer Science course in Summer 2001 and was responsible for finalizing and delivering the semester's lectures, authoring homework and examinations, and assigning letter grades for a class of approximately 60 students
- Served as teaching assistant for Introduction to Computer Science and Introduction to Computer Graphics classes and gave supplemental lectures, authored and graded examinations and aided students

Internships: Dynalivery Corporation, Boeing Corporation

St. Louis, Missouri, 2/2000 - 8/2000 / 5/1998 - 8/1998

- Dynalivery: Developed and researched software related to Adobe's PDF format and PDF encryption products. Also, made improvements and debugging utilities for Dynalivery's web-based reporting products
- Boeing: Assisted in the creation of a debugging suite for an embedded flight control system

Education

Master of Computer Science (2002) University of Illinois at Urbana-Champaign

- Courses: Networking, Graphics, Object-Oriented Design Patterns, Technology in Education
- Outstanding Teaching Assistant Award: 2001 (Fall, Spring), 2002 (Fall, Spring)

Bachelor of Science in Applied Mathematics (1999) Missouri University of Science and Technology

(formerly University of Missouri - Rolla)

- Courses: Mathematical Modeling, Advanced Calculus, Artificial Intelligence
- UMR Solar Car Team - 1996-1999

Selected Publications

- J. King, J. Stoll, M.T. Hunter, M. Ahamad
ALPACA: A Lightweight Platform for Analyzing Claim Acceptability
Second Workshop on Information Credibility on the Web (WICOW 2008)
- F.S. Park, D. Patnaik, C. Amrutkar, M.T. Hunter, M. Ahamad
A Security Evaluation of IMS Deployments
2nd International Conference on Internet Multimedia Services Architecture and Applications (IMSAA-08)

Skills

Security, Perl, C++, VoIP, Java, C, Unix, Networking, Netflow, Web/CGI, PHP, MySQL, Linux, FreeBSD, Cisco