

MARK DAVIS
Ph.D. Student in Computer Science
University of Tulsa, Tulsa, OK 74104

Education

M.S. (CS), University of Tulsa, Tulsa, Oklahoma, 2003
B.S. (CIS), University of Tulsa, Tulsa, Oklahoma, 2001
A.A. (Arts), Tulsa Community College, Tulsa, Oklahoma, 1998

Areas of Specialization

Information Assurance, Digital Forensics, Security Auditing and Penetration Testing

Professional Experience

Director, Tulsa Digital Forensics Laboratory, 2005-present
Instructor, Security Auditing and Penetration Testing, 2003-present
Instructor, Computer and Network Forensics, 2003-present
Graduate Research Assistant, Department of Computer Science, 2002-present
University of Tulsa, Tulsa, Oklahoma
Research Scientist, Summer 2002
Air Force Research Laboratory, Rome, New York
Software Engineer, 1997-1999
Teleprocessor Inc., Tulsa, Oklahoma

Honors/Awards

Phi Kappa Phi Honor Society, 2001
University of Tulsa, Tulsa, Oklahoma

Publications

- [1] S. Piper, M. Davis and S. Sheno, Countering hostile forensic techniques, *Advances in Digital Forensics II*, M. Olivier and S. Sheno (Eds.), Springer, New York, pp. 79-90, 2006.
- [2] M. Davis, R. Kennedy, K. Pyles, A. Strickler and S. Sheno, Detecting data concealment programs using file system analysis, *Advances in Digital Forensics II*, M. Olivier and S. Sheno (Eds.), Springer, New York, pp. 171-183, 2006.
- [3] P. Gershteyn, M. Davis and S. Sheno, Forensic Analysis of BIOS chips, *Advances in Digital Forensics II*, M. Olivier and S. Sheno (Eds.), Springer, New York, pp. 301-314, 2006.
- [4] M. Davis, G. Manes and S. Sheno, A network-based architecture for storing digital evidence, *Advances in Digital Forensics*, M. Pollitt and S. Sheno (Eds.), Springer, New York, pp. 33-42, 2005.
- [5] P. Gershteyn, M. Davis, G. Manes and S. Sheno, Extracting concealed data from BIOS chips, *Advances in Digital Forensics*, M. Pollitt and S. Sheno (Eds.), Springer, New York, pp. 217-230, 2005.
- [6] S. Piper, M. Davis, G. Manes and S. Sheno, Detecting misuse in reserved portions of Ext2/3 file systems, *Advances in Digital Forensics*, M. Pollitt and S. Sheno (Eds.), Springer, New York, pp. 245-256, 2005.

Synergistic Activities

Tulsa Digital Forensics Laboratory: Mr. Davis directs this state-of-the-art laboratory that houses four detectives from the Tulsa Police Department, three Oklahoma State Bureau of Investigation agents and two U.S. Secret Service agents. He supports law enforcement operations and spearheads research and development activities related to criminal investigations and digital forensics.