

# INTERHACK

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## C. Matthew Curtin

COMPUTER EXPERT with wide experience in Cybersecurity and Forensic Computing. Experienced expert witness in civil, criminal, administrative, and military proceedings, from the perspective of those bringing and defending actions. Founder of Interhack Corporation. Author of technical books and research papers used by universities and standards bodies, and frequent lecturer on cybersecurity and electronic evidence.

*Interhack Corporation* 2000–Present  
Leader of Cybersecurity and Forensic Computing practices.

*The Ohio State University* 1998–2014  
2012–14. Sr. Lecturer, Department of Computer Science and Engineering. *Programming in Lisp*.  
1998–2012. Lecturer, Department of Computer Science and Engineering. *Programming in Lisp* and *Operating Systems Laboratory I*.

### Areas of Expertise

Information Assurance; Electronic Evidence; Electronic Discovery; Cryptography; Programming Languages; Internet

### Selected Publications

*Using Science to Combat Data Loss: Analyzing Breaches by Type and Industry. I/S: A Journal of Law and Policy for the Information Society*, Volume 4, Issue 3, Winter 2008–09. With Lee T. Ayres.

*Brute Force: Cracking the Data Encryption Standard*  
Copernicus Books, 2005. First-hand account of helping to lead the project that first defeated DES in a public contest.

*Developing Trust: Online Privacy and Security*  
Apress, 2001. Discussion of privacy as an aspect of data security. Cited by NIST in SP 800-44.

### Professional Membership and Certifications

InfraGard Members Alliance. Certified Information Systems Security Professional (CISSP).

### Applications of Expertise

#### Data Breach and Incident Response

Led assessment teams used to assess data breach incidents for counsel to government agencies, universities, and corporations.

#### Enterprise Data Encryption

Advised use of enterprise-wide cryptographic controls, including development of standards to ensure interoperability among products and across platforms.

*St. Joseph Health System Medical Information Cases*, Superior Court of the State of California, County of Orange, Judicial Council Coordinated Proceeding No. 4716 2013–16

For Plaintiff's counsel I assessed data and testimony related to a data breach, specifying publication of sensitive information.

*State of Ohio v. Clay Hooper*, Court of Common Pleas of Perry County, Ohio, Case No. 14-CR-0037 2014–15

For defense counsel I analyzed the State's forensic computer examination reports and underlying electronic evidence, authored a report, and testified at trial. The trial ended in acquittal on all charges.

*State of Ohio v. Michael McVey*, Court of Common Pleas, Jefferson County, Ohio, Case No.: 13-CR-228 2014–15

For defense, opined on reports offered by the State and underlying electronic evidence in the prosecution of a school administrator. Provided affidavits and expert reports before all charges were dismissed by the State.

*Pharmatrak, Inc. Privacy Litigation*. U.S. Court of Appeals, First Circuit, 329 F.3d 9, 2003.

Led analysis of Pharmatrak's systems for plaintiffs' counsel. Analysis used by the court to clarify "protected content" under ECPA on the Web.

*H&H Industries, Inc. v. Erik S. Miller*, United States District Court, Southern District of Ohio, Eastern Division, Case No. 2:13-cv-907 2013–14

For plaintiff's counsel I examined computer systems and data to locate confidential information.