

# EXHIBIT A

**PROFESSIONAL EXPERIENCE****STROZ FRIEDBERG, LLC****Director, Digital Forensics**, April 2006 to Present**Assistant Director of Computer Forensics**, February 2004 to April 2006**Consultant and Computer Forensic Examiner**, June 2003 to February 2004  
**New York, NY**

Responsible for co-managing the firm's digital forensics, cyber-crime response, and electronic discovery operations. Conduct cyber-crime investigations, including investigations of network intrusions, anonymous and harassing e-mails, and thefts of trade secrets. Perform forensic examinations and acquisitions of electronic media, including computer hard drives, backup tapes, and mobile phones. Supervise and perform large-scale electronic discovery assignments for major law firms, including on-site preservation and searching in Europe, Latin America, and Asia. Respond to significant breaches of confidential and personally identifiable information. Lead efforts to investigate and remediate, to the extent possible, lapses in litigation holds. Perform statistical analyses and data analytics of disparate data sets. Provide expert witness testimony in civil and criminal cases. Significant cases include:

- Located, preserved, and forensically analyzed the metadata of a smoking-gun electronic memorandum in the Enron "Barge" investigation. Testified at trial.
- Conducted forensic investigations of several laptop computers. Authored an expert opinion proving that the subject of an internal corporate investigation backdated a key memorandum accusing a rival banker of violations of the Foreign Corrupt Practices Act.
- Participated in the design and implementation of an anti-money laundering transaction monitoring database and data analytics on behalf of an international bank in connection with a criminal investigation by the Department of Justice and Federal Reserve. Performed data analysis and helped develop an automated transaction monitoring system.
- Preserved and analyzed web, event, and domain logs to determine whether a SQL injection attack compromised customer credit card and identity information.
- Conducted source code review and digital forensic examination pursuant to an adverse-party inspection order in a litigation concerning the alleged theft of high-frequency algorithmic trading code.
- Led efforts to reconstruct and forensically analyze more than two terabytes of data in response to one of the largest potential exposures of personally identifiable information.

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- Pioneered a methodology for searching Korean-language documents, e-mails, and e-mail attachments for a response to a criminal grand jury subpoena in a price-fixing investigation. Conducted on-site processing to facilitate attorney review and to protect the confidentiality of sensitive client documents.
- Performed restoration of data from legacy backup tapes and data analysis in conjunction with a Medicare fraud investigation. Conducted analysis to identify instances in which medical procedures were improperly submitted as separate claims to increase the amount of reimbursement from Medicare.
- Forensically analyzed multiple computers to determine whether proprietary information and customer lists were transferred without authorization. Determined, based on a metadata analysis of the employee's recovered USB drive, that the employee had downloaded hundreds of proprietary documents in the weeks leading up to his resignation and subsequently used that information at his new place of employment. Submitted an affidavit in support of a temporary restraining order, which was corroborated by the defendant's confession under oath.
- Investigated a lapse in a major media company's e-mail retention system. Provided an assessment of the quantity of e-mail traffic that was not captured based on an analysis of e-mail server logs.
- Analyzed e-mail communications between parties in a theft of trade secrets litigation and determined that many of the alleged confidential documents were openly exchanged in e-mail correspondence prior to the litigation. Testified in Connecticut Superior Court regarding that analysis.

**EDUCATION****UNIVERSITY OF CHICAGO**

B.A. Economics and Statistics with General Honors, 2003

**TRAINING****STROZ FRIEDBERG, LLC, 2003 to Present****In-House Training**

Attend and present at regular in-house training presentations on digital forensics, cyber-crime response, computer security, and network digital forensic tools, and relevant legal topics.

**HTCIA INTERNATIONAL CONFERENCE, 2010**

Attended lectures concerning mobile device forensics and incident response.

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**DIGITAL FORENSIC RESEARCH WORKSHOP, 2007**

Attended annual conference on current digital forensic research.

**SANS INSTITUTE, 2007****Hacker Techniques, Exploits & Incident Handling**

Attended training course on identifying computer vulnerabilities and responding to computer incidents.

**SANS INSTITUTE, 2005****System Forensics, Investigation & Response**

Attended training concerning digital forensics and incident response covering file system structures, network response, and malicious code review.

**GUIDANCE SOFTWARE, INC., 2003****EnCase Intermediate Analysis and Reporting**

Attended core training course on general digital forensics issues and the use of Guidance Software's EnCase digital forensic software to analyze electronic data.

**CERTIFICATIONS**

EnCase Certified Forensic Examiner (EnCE)

**PUBLICATIONS**

November 2007: Co-authored "Electronic Discovery Behind Enemy Lines: Inspection Of An Adversary's Network Pursuant To FRCP 34(a)" in Metropolitan Corporate Counsel.

October 2006: Co-authored "Lost Back-up Tapes, Stolen Laptops and Other Tales of Data Breach Woe" in Computer and Internet Lawyer.

September 2005: Co-authored "Electronic Discovery Technology" in Adam Cohen and David Lender's treatise Electronic Discovery: Law and Practice.

May 2004: Co-authored "Your Company's Computer System" in E-Discovery: A Guide for Corporate Counsel by Sills Cummins Epstein & Gross P.C.

**LECTURES**

September 2010: Delivered a lecture titled "Social Networking Forensics" at the High Technology Crime Investigation Association's International Conference in Atlanta, GA.

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June 2010: Participated in a panel discussion on evidentiary issues regarding social networking websites hosted by the New York City chapter of Women in E-Discovery.

May 2010: Delivered a lecture at the Cyber Security and Applications seminar at Fordham University.

April 2010: Delivered a lecture titled "Web Browsing: Neither Discreet Nor Discrete" at the Computer Forensic Show.

April 2009: Co-presented a lecture titled "Digital Forensics in Business Use: A Case Study in Recovering DNA from a Hard Drive" at the John Jay Center for Cybercrime Studies.

April 2008: Delivered a lecture titled "E-Discovery and IP Theft" to the New York chapter of InfraGard.

May 2007: Co-presented at a seminar for the Business Law Section of the New York State Bar Association titled "Hidden Data: Its Dangers and Traps for the Unwary."

**TESTIMONY**

May 2010: Provided deposition testimony as a digital forensics expert in Donald G. Drapkin v. MAFCO Consolidated Group, Inc., 09 Civ. 1285 (PGG) and MacAndrews & Forbes LLC v. Donald G. Drapkin, 09 Civ. 4513.

December 2009: Testified as a digital forensics expert in Suryawanshi et al. v. UBS AG et al., FINRA Arbitration (FINRA No. 09-02568).

April 2009: Provided deposition and court testimony as a digital forensics expert in Flying Disc Investments L.P., et al., v. Baker Communications Fund II, L.P., et al., Super. Ct. of Cal. (CGC 05447294).

June 2007: Testified as a digital forensics expert in U.S. v. Zafar, 06-CR-289 (E.D.N.Y.).

July 2005: Testified as a digital forensics expert in Wall Street Network LTD v. The New York Times Co., et al., Super. Ct. of Cal. (BC 304596).

December 2004: Testified as a digital forensics expert in Gerner, et al. v. Applied Indus. Materials Corp., et al., Super. Ct. Conn.

October 2004: Testified as a digital forensics expert in U.S. v. Bayly, et al., H-03-cr-363 (S.D. Tex.).

## MICHAEL F. MCGOWAN

## DIRECTOR, DIGITAL FORENSICS

June 2004: Testified regarding a digital forensics protocol in Adkins v. General Motors Corp., et al., 03 CV 3613 (JS) (E.D.N.Y.).

June 2004: Testified as a digital forensics expert in Philip Morris USA, Inc. v. Otamedia, Ltd., 02 Civ. 7575 (GEL) (S.D.N.Y.).

**PROFESSIONAL AFFILIATIONS**

Member, American Statistical Association

Member, American Society for Information Science and Technology

Member, Association for Computing Machinery

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