

JOE SREMAC, CFE, CISA

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EXPERIENCE SUMMARY

Joe Sremack is a managing director of Kroll's data analysis practice, with a primary focus on advising corporate and legal clients in matters involving complex data and technology issues. Mr. Sremack's experience is in structured data collection and analysis, IT assessments, and software analysis. A computer scientist by training, Mr. Sremack has conducted numerous high-profile dispute and investigations matters involving systems investigations, data analysis, source code analysis, data compliance assessments, and the evaluation of technology solutions. He has assisted clients across the US and over fifty countries in such matters as white collar investigations, international investigations, regulatory compliance assessments, and litigation.

Author of Big Data Forensics, a technical guide on performing investigations of large-scale, clustered data systems, Mr. Sremack frequently presents and writes on topics involving transactional data systems. Prior to joining Kroll, Mr. Sremack held leadership positions at several expert service and advisory consulting firms.

PROFESSIONAL AFFILIATIONS

Association of Certified Fraud Examiners
American Bar Association, associate member
Information Systems Audit and Control Association

EDUCATION

B.A., College of Wooster – Computer Science and Philosophy
M.S., North Carolina State University – Computer Science

PRESENT EMPLOYMENT

Kroll
Managing Director, 2021-present

PRIOR EMPLOYMENT

BDO
Managing Director, 2018-2021

Berkeley Research Group
Director, 2013-2018

FTI Consulting
Senior Director, 2008-2009 & 2011-2013

Intelligent Discovery Solutions
Manager, 2010-2011

Rated Interactive Media
Director of Technology, 2009-2010

LECG, LLC
Managing Consultant, 2005-2008

Deloitte Consulting
Systems Analyst, 2004-2005

North Carolina State University/Cisco Systems
Research Analyst, 2003-2004

Infineon Technologies
System administrator, 2002-2003

PRESENTATIONS

- (1) "Cross-Validation of File System Layers for Computer Forensics," Digital Forensics Research Workshop, Cleveland, Ohio, 2003
- (2) "The Future for MD5 and SHA-1," Open Web Application Security Project, Reston, Virginia, June 2005
- (3) "Investigating Real-Time System Forensics," IEEE/CreateNet Computer Network Forensics Research Workshop, Athens, Greece, September 2005
- (4) "Taxonomy of Anti-Computer Forensics Threats," International Conference on IT-Incident Management and IT-Forensics, Stuttgart, Germany, 2007
- (5) "Structured Data and Source Code Analysis for Financial Fraud Investigations," IARIA Data Analytics 2012, Barcelona, Spain, September 2012
- (6) "Data Analytics: Detecting and Preventing Fraud in 2015," Knowledge Group CLE, May 2015
- (7) "Measuring, Maintaining, and Improving Data Quality," George Washington University, Washington, DC, June 2015
- (8) "Monitoring Activity, Valuing Data, Quantifying Risk and Assigning Accountability," Today's General Counsel and Institute Data Privacy and Cyber Security Forum, Washington, DC, November 2015
- (9) "Practical Security for Law Firms," Association of Legal Administrators, Arlington, VA, November 2015
- (10) "Managing Data Retention and Disposal in the Big Data Era," Knowledge Group CLE, January 2016
- (11) "Simplifying Data Mapping for Big Data," ARMA Live Global Conference, September 2016
- (12) "Hadoop and Big Data: An Investigator's Perspective," Association of Certified Fraud Examiners Global Conference, Nashville, TN, June 2017
- (13) "Robotic Process Automation: What CIOs Need to Know about This Essential Technology," International Legal Technology Association, Fort Washington, MD, August 2018
- (14) "Artificial Intelligence (AI): Technical Overview of What It Is, How It Works, and Business Model Trends," Law Seminars International: Artificial Intelligence and Privacy, Seattle, WA, August 2019
- (15) "Designing Impactful Data Visualization to Inform Strategic Decisions and Empower Change," International Legal Technology Association, August 2021

PUBLICATIONS

- (1) C. Fletcher, G. Lavalley, and J. Sremack, "Ensuring a Healthy Document Repository," Pike & Fischer's Digital Discovery and e- Evidence, April 2006
- (2) C. Fletcher and J. Sremack, "Non-Forensic Acquisition of Transactional Data," The Proceedings from ECCE 2006, 2006
- (3) A. Antonov and J. Sremack, "Taxonomy of Anti-Computer Forensics Threats," Proceedings of the International Conference on IT-Incident Management & IT-Forensics, 2007
- (4) J. Sremack, "The Collection of Large-Scale Structured Data Systems," Digital Evidence Magazine, January/February 2012
- (5) J. Knight and J. Sremack, "Planning an In-House Data Analytics Solution," International Legal Technology Association's Peer-to-Peer Magazine, March 2013
- (6) J. Sremack, "Who Should Perform A Database Collection, IT Department Or Third Party?," Today's General Counsel, June 2014
- (7) J. Sremack, "Responding to a Legal Data Request: The Role of the Data Warehouse Team," The Data Warehouse Institute's Business Intelligence Journal, Vol. 20, No. 1, March 2015
- (8) D. Kotz and J. Sremack, "Are Broker-Dealers and Investment Advisors at Risk from FINRA and the SEC?," Bloomberg BNA, April 2015
- (9) L. Dorman and J. Sremack, "Managing Privacy in Data Requests," Association of Corporate Counsel's Docket, August 2015
- (10) J. Sremack, Big Data Forensics, Packt Publishing, 2015
- (11) J. Sremack, "The Importance of Source Code Analysis for Investigations (Part 1)," LegalTech News, October 2015
- (12) J. Sremack, "2015: The Year Big Data Went Mainstream," LegalTech News, December 2015
- (13) J. Sremack, "Why Emojis Matter in E-Discovery," Today's General Counsel, February 2016
- (14) M. Louks, G. Socha, and J. Sremack, "Part 3: Data, Data Everywhere – Advanced Strategies for Analyzing Mobile Data," ACEDS, August 2019
- (15) J. Sremack and R. Wang, "Increasing the Impact of Your Analysis: Exploring and Understanding Data," ILTA Litigation and Practice Support Whitepaper, November 2020

TESTIMONY

- (1) Daniel L. Schwartz v. Winslow & Co. LLC, et al., Supreme Court of the State of New York, New York County, 651460/2018. Provided neutral expert report. (2022)
- (2) Randy Rosenberg, D.C., P.A. v. GEICO General Insurance Co., Southern District of Florida, 19-cv-61422-BLOOM/Valle. Provided expert report. (2020)
- (3) Avnet, Inc. and BSP Software LLC v. Motio, Inc., Northern District of Illinois, Civil Action No. 1:12-CV-02100. Provided expert report and testimony. (2016)

CERTIFICATIONS

Certified Fraud Examiner (CFE)

Certified Information Systems Auditor (CISA)

Certified IBM Cognos BI Professional