

Anthony Reyes

Curriculum Vitae

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Profile

Internationally recognized practitioner, trainer, and lecturer in the area of computer crimes, fraud, and highly technical investigations. Topics include cyber crimes and fraud investigations, intellectual property theft, computer forensics, network forensics, electronic discovery, cyber terrorism, network security, data encryption, steganography, and malware detection.

Practical Experience

The ARC Group– Chief Executive Officer (1998- Present)

- The ARC Group is an international security, computer consulting, and private investigation company with offices in New York and Brazil. ARC specializes in the investigation of highly technical crimes and complicated schemes to defraud. Its primary business is the implementation of computer and network security countermeasures, the investigation and detection of fraud, intellectual property theft, and computer related crimes. Consultant services for detecting computer and network security breaches are also preformed. Additional services include fraud prevention, computer forensics, litigation support, electronic discovery, investigations unit development, and risk assessments. The ARC Group provides consulting services for many fortune 100 companies, and government agencies globally. ARC also provides training and consultant services through its sister company (ARC Computer Technologies) for the following institutions; the US Department of Homeland Security, The University of Tennessee's Law Enforcement Innovation Center, Wetstone Technology, AccessData, Technology Pathways, Forensic Matter, and the Internet Parole and Probation Corporation. ARC performs consulting services in the United States, Latin America, Asia, and Europe.

New York City Police Department- Detective Investigator (1990-2006)

- As a Detective I was assigned to the Computer Crimes Squad of the NYPD, where I investigated computer intrusions, fraud, identity theft, intellectual property theft, child exploitation, and software piracy. I also lectured, trained, and provided technical assistance in the area of computer crimes and computer forensics for federal, state, and local law enforcement agencies.

Academic and Teaching Positions

AccessData Corporation- Instructor (2003- Present)

- Instruct and lecture extensively in the area of computer forensics. Courses taught on behalf of AccessData include basic and advanced computer forensics classes. Additional consultant

services provided to AccessData include software testing and development, curriculum review, and assistance in the development of their certification program.

Technologies Pathways- Instructor (2003- Present)

- Instruct and lecture extensively in the area of computer forensics. Courses taught on behalf of Technologies Pathways include the ProDiscover Certification Course. Additional consultant services provided to Technologies Pathways include software testing and development, curriculum review, and assistance in the development of their certification program.

Wetstone Technologies- Consultant/Instructor (2004-Present)

- Curriculum Advisor for Wetstone's LiveWire Computer Forensics Course. Provide instruction in the area of Steganography, and Malware detection on their behalf. Other consultant services provided to Wetstone Technologies include software testing and development, and research assistance in the area of electronic investigations.

The Department of Homeland Security- Consultant/Instructor (2004-2007)

- Instructor at the Federal Law Enforcement Training Center in Glynco, Georgia. Assisted in the development of the Cyber Terrorism Course and taught the investigations aspect of this course. Responsible for training members of State, Local, and Federal law enforcement in the area of high tech crimes investigations. The participating officers then utilized the techniques learned in their efforts to protect our nation from terrorists.

Polytechnic University-Adjunct Professor (2006-2007)

Graduate lecturer in computer forensics.

Pace University-Adjunct Professor (2005-2007)

Responsibilities include teaching the introduction to computer science course and the introduction to computer forensic course. Chief Advisor to the curriculum development board for a Computer Forensics curriculum.

Courses Taught

Computer Investigations

- Fraud investigations
- Email Tracing
- Protecting children online
- Introduction to cyber crime

Criminal Investigations

- Fraud
- Identity Theft
- Intellectual Property Theft
- Insider Threats
- Risk Analysis

Computer Forensics

- Data Recovery & Computer Forensic Methodology

- Reconstruction of Internet History
- Data Encryption Cracking Techniques

Intrusion Detection

- Hacking Techniques
- Malware Discovery
- Security Log Analyst

Network Forensics

- Network Acquisitions
- Anomaly Detection
- Network Wiretaps

Network Design & Implementation

- Network Security
- Intrusion Detection Systems
- InfoSec Vulnerability Discovery

Computer Repairs & Other Programs

- A+ certification
- Microsoft Office

Education

Graduate Certificate (2004-2005)

John Jay College of Criminal Justice, New York

- Police Leadership Certification

Bachelor of Science in Criminal Justice (1989)

John Jay College of Criminal Justice, New York

- Major Criminal Justice
- Minored in Sociology

Professional Qualifications

- AccessData's FTK 2.0 Intermediate Computer Forensics Course (2008)
- Certified Systems Investigator Course (2007)
- Nuix's File Base Investigations Course (2007)
- Guidance's Encase Network Intrusion Investigations Phase I Course (2007)
- NSA Information Security Assessment Methodology Certification Course (2006)
- ProDiscover Certification Course (2006)
- LEIC Facilitator Development Workshop (2006)
- AccessData's Applied Decryption Course (2005)
- Dell's Implementing Enterprise Storage Solutions Course (2005)
- ASR Data's Smart Intermediate Computer Forensics Course (2005)
- Wetstone's LiveWire Investigator Certification Course (2005)
- AccessData's Advanced Internet Forensics Course (2004)
- Wetstone's Steganography Investigator Certification Course (2004)
- Guidance's Encase Intermediate Computer Forensic Course (2004)
- AccessData's Intermediate Computer Forensics Course (2003)

- AccessData's Advanced Microsoft Windows Forensics Course (2003)
- The Search Investigation of Online Crimes Course (2003)
- The Foundstone Ultimate Hacking Course (2003)
- The Department of Homeland Security's Internet Forensics Investigations Course (2003)
- The SANS Institute Advanced Incident Handling and Hacker Exploits Course (2003)
- The SANS Institute Intrusion Detection In-Depth Course (2002)
- The National White Collar Crime's Advanced Data Recovery Course (2002)
- The Rockland County Sheriff's Advanced Computer Investigations Course (2002)
- IDT Network Investigations and Unix Course (2002)
- The National White Collar Crime's Basic Data Recovery Course (2001)
- Microsoft Certified System Engineer Course (2000)
- OEM Systems Builder Pre-installation of NT 4.0 Course (1999)
- Installation and Configuring Windows NT Server 4.0 Course (1999)
- A+ PC Technician Training (1998)

Certifications

- A+ PC Technician
- AccessData Certified Instructor
- AccessData Certified Examiner
- University of Tennessee Certified Facilitator
- NSA Certification Information Security Assessment Methodology
- Wetstone Steganography Investigator
- Wetstone LiveWire Examiner
- Prodiscover Certified Examiner

Professional Affiliations & Memberships

- The High Technology Crime Investigators Association (HTCIA)
- The New York State Electronic Crimes Task Force (ECTF)
- The New York State Internet Crimes Against Children Task Force (ICAC)
- The National Institute of Justice's Electronic Crime Partner Initiative (ECPI)
- International Association of Computer Investigative Specialists (IACIS)
- The New York Metro Infragard
- The Association of Certified Fraud Examiners (ACFE)
- The American Society for Industrial Security (ASIS)
- The Information Systems Audit and Control Association (ISACA)
- The Information Systems Security Association (ISSA)
- The Order of Lawyers for Brazil's, Sao Paulo Section (OAB SP)

Significant Accomplishments

- Consulting Member to the Director of "The Commission of Information Society", of the Order of Lawyers for Brazil's, Sao Paulo Section (2008)
- Certified System Investigator's (CSI) Association Co-Chairman (2008)

- President of the High Technology Crime Investigation Association's (HTCIA) International Executives Committee (2007)
- Member of the editorial board for The International Journal of Forensic Computer Science (IJoFCS), published by the Brazilian Federal Police (2006)
- Developed an Advanced Online Investigator's Data Preservation Course which debut at the 2006 International Association of Computer Investigative Specialists (IACIS) Conference
- Member of the editorial board for the Journal of Digital Forensic Practice, published by Taylor & Francis (2006)
- 1st Vice President of the HTCIA International Executives Committee (2006)
- Participated in curriculum and development review of the Computer Crime Investigation Course, for the University of Tennessee's Law Enforcement Innovation Center (2006)
- Training and Education Working Group Chairman for The National Institute of Justice's Electronic Crime Partner Initiative (2006-Present)
- Participated in the review and revision of The National Institute of Justice Guide, "Electronic Crime Scene Investigation: A Guide for First Responders 2nd Edition" (2005)
- Acting Director and Planer for the 2005 HTCIA Northeast Regional Conference
- Northeast Chapter President of HTCIA (2005)
- Recipient of the High Technology Crimes Investigation Association's Case of the Year Award (2004)
- Participated in the Law Enforcement Cyber Attack Technology Gap Analysis Prioritization Working Group for the Institute for Security Technology Studies at Dartmouth College (2003)
- Participated in the SANS Institute Interfacing with Law Enforcement FAQ for Incident Handlers and Other Information Security Professionals Project (2003)
- Served as an alternate member of New York Governor George E. Pataki's Cyber-Security Task Force (2002)

Publications

- Contributing Author for the book titled "The Best Damn Cybercrime and Digital Forensics Book Period" (2007, Syngress Publishing)
- Author and Technical Editor for the book titled "Cyber Crime Investigations: Bridging the Gaps between Security Professionals, Law Enforcement, and Prosecutors" (2007, Syngress Publishing)

- Forward contributor on the book titled “How to Own an Identity” (2005, Syngress Publishing)

Selected Publications & Presentations & Events

- Attended the 13th Annual Congressional Breakfast for The National Center for Missing and Exploited Children’s (NCMEC), Washington, DC (2008).
- Presented at the 2008 Army Counter Intelligence Conference, Reston, Virginia. Presentation topic: “Network Forensics”
- Interviewed and Quoted in The Washington Post, article titled “Online Banking: Do You Know Your Rights?” (4/10/2008)
- Presented at the 2007 HTCIA Asia Pacific Chapter Conference, Hong Kong, China. Presentation topic: “Network Forensics”
- Presented at the 2007 CSI World Conference, Kuala Lumpur, Malaysia. Presentation topic: “Fighting Crime Internationally”
- Interviewed and Quoted in American Airline’s Americanway Magazine article titled “I Spy; Corporate espionage has the business world shaken, not stirred.” (November 2007)
- Presented at Techno Forensics 2007, Gaithersburg, Maryland. Presentation topic: “The Beginning of the End - The Forensics Practice Collision Course”
- Presented at The 2007 European Network Forensic and Security Conference. Heerlen Netherlands. Presentation topic: “Fighting Crime Internationally”
- Presented at The IV Conferencia Internacional de Pericias em Crimes Ciberneticos, 2007. Sao Paulo, Brazil. Presentation topic: “The Future of Forensics”
- Presented at the High Technology Crimes Investigation Association International Conference, 2007. California. Presentation topic: “Enterprises Email Investigations and Data Correlation.”
- Presented at the 2007 Infosecurity Conference East and Exhibition, New York, NY. Presentation topic: “IT Security, Protecting Our Nation: Whose job is it anyway?”
- Presented at the 2007 China International Conference on Gaming and Intellectual Property Theft, Shanghai, China. Presentation topic: “Combating International Property Theft.”
- Presented at the 2007 China International Digital Forensics Technology Forum, Beijing China. Presentation topic: “International Exchange of Criminal Investigation Information.”
- Presented at the New York State Bar Association’s Information and Technology Law Committee Spring Meeting, 2007. New York, NY. Presentation topic: on Metadata titled “Hidden Data: Its Dangers and Traps for the Unwary”

- Appeared on CNN's Pipeline on Demand (2007)
- Appeared on WTbQ Radio Station, The Self-Defense for Life Show (2007)
- Presented at the ICCYBER 2006 III Conferencia Internacional de Pericias em Crimes Ciberneticos, 2006. Brazil. Presentation topic: "Computer Forensics in the USA"
- Presented at the High Technology Crimes Investigation Association International Conference, 2006. Ohio. Presentation topic: "The Future of Forensics"
- Presented at The U.S. Department of Justice (DOJ) National Institute of Justice (NIJ), in association with CTC, Inc.-Public Safety Technology Center (CTC), 8th Annual Technologies for Critical Incident Preparedness Conference and Exposition, 2006. Atlanta. Presentation topic: "Cyber Terrorism."
- Presented at the Conferencia Internacional Situación Actual del Fraude Informático en América Una Perspectiva Forense, 2006, Bogota, Colombia. Presentation Topic: "Combatiendo el Delito Informático y Cooperación Inter-Agencias"
- Presented at the Congreso Internacional "La Cibercriminalidad Hoy" for the Procuraduría General de la República (PGR), 2006, Mexico City. Presentation topic: "Bridging the International Gaps in the Fight Against Cyber Crime."
- Interviewed and Quoted in Popular Mechanics Magazine, article titled "Who's Stealing your Identity?" (February 2006 Issue)
- Presented at Infosecurity 2005, New York City, Presentation topic: "Wireless and Mobile Security."
- Quoted in the CSOonline.com article titled "Cops and Crooks Find New Uses for Mobile Phones" (2005, <http://www2.csoonline.com>)
- Presented at the International Security Conference 2005, Las Vegas, Presentation topic: "Bridging the Gaps Between the Public and Private Sector."
- Presented at the South Carolina Secret Service ECTF Quarterly meeting 2005, Presentation topic: "Bridging the Gaps Between the Public and Private Sector."
- Featured in the Government Computer News for the article titled "The Invisible War on Terrorism" (2005, http://appserv.gcn.com/24_11/news/35787-1.html).
- Served as a discussant, on a panel for Research and Development Directions for Cyber Attacks Investigative Technologies, at the 2003 National Institute of Justice Annual Conference on Criminal Justice Research and Evaluation.
- Quoted extensively in the GovExec.com article titled "Security officials discuss efforts to combat computer crime" (2003, <http://www.govexec.com/dailyfed/0703/072803td2.htm>).
- News worthy arrested published in the New York Post (2002, <http://www.museum-security.org/02/057.html>)

- News worthy arrest published in the Times News Weekly Internet Paper for fraud (2001, <http://timesnewsweekly.com/OldSite/080901/NewFiles/CHARGEDFOUR.html>).