

Audio Video Forensic Lab

CV of Robert Sanderson

President, Audio Video Forensic Lab Inc.

Experience

Jan. 2005 - Present

Audio Video Forensic Lab Inc., Poughkeepsie, NY
Owner, Forensic Analyst

Skills: Scientific Examination, Comparison and/or Evaluation of Audio and Video Evidence in Legal Matters. A/V Enhancement, Restoration, Clarification, Authentication, Voice Identification.

Forensic VIDEO Analysis Training:

Cognitech Tri-Suite, Software User Certifications from Video Advisors (2009) and Cognitech Inc. (7/22/11).

Avid dTective User Certification, Digital Video/Image Analysis Training, Certificates of Completion from Ocean Systems (4/16/04) (2/24/10).

Video Analyst (NASA VISAR) Forensic System Training, Certificate of Completion from Intergraph Corp. (5/5/06).

MotionDSP – Ikena Enhancement Software Development Contributor, Long Term Beta User for Ikena Software.

Forensic AUDIO Analysis Training:

Advanced Forensic Audio Enhancement, Certificate of Completion from Enhanced Audio (3/18/04).

Advanced Forensic Audio: Digital Audio Corporation, Certificate of Completion (1/19/06).

Audiotape Authentication and Speech Analysis: Project experience with former FBI specialist James B. Reames.

Voiceprint Identification Techniques - Rik Alexanderson, Voice Identification Inc. Certificate of Completion 10/19/07

Combined Forensic A/V Training:

Audio Video Authentication and Enhancement, Voice Identification - NY Institute of Forensic Audio - Certificate of Completion (11/17/06).

Computer and Mobile Device Media Extraction and Analysis:

BlackLight Tool Training, BlackBag Technologies. Certified BlackLight Examiner, Nov., 2014 and Nov., 2015. Windows, Mac, IOS (iPhone, iPad, iPod Touch)

I have been vetted and serve as an expert panelist of the Assigned Counsel Plan of New York.

Clients Include: New York State Attorney General, Cook Cty. States Attorney, United States District Court, Dutchess County District Attorney, Mass. Public Defender, Nassau County Homicide Dept., Federal Public Defender - District of Oregon, Fortress Global Investigations, the Legal Aid Society of New York, County of Northampton PA District Attorney, State of Maryland Public Defenders, Reuters, Pinkerton, local police departments, private investigators, insurance companies, citizens and attorneys.

Related Experience 1995 - 2005

SVS Television Productions Poughkeepsie, NY
President

Broadcast and Corporate Production Services incl. Advertising, Sales and PR Programs. Wrote, shot, and edited programs. Designed and built facilities. Clients include IBM, Culinary Institute of America, ABC, Laerdal Medical Corp. and Creative Media (Phillip Morris, Pepsi, Marsh, and Duracell) and General Motors. Produced DVD's and Interactive CD-ROM Projects.

Related Experience 1981 - 1995

Soundscape Recording Studios, Poughkeepsie

President

Designed, Built and Operated Facilities. Recorded, Mixed and Mastered Recording Sessions.

Speaking Engagements:

Speaker: Nassex 2005, Montreal. Central Station Alarm Assn. Conference. Topic: Forensic Video Enhancement

Speaker: ASIS International. Mid-Hudson Chapter. Topic: Audio / Video Enhancement; Correct Surveillance Video System Planning.

ASIS International is the preeminent organization for security professionals. Founded in 1955, ASIS is dedicated to increasing the effectiveness and productivity of security professionals by developing educational programs and materials that address broad security interests.

Speaker: Public Defender Service of the District of Columbia and invited guests: Superior Court Trial Lawyers and DC Federal Public Defenders – November 2009. Topics: Audio / Video Enhancement and Authentication. Subtopic: Voice Identification.

Digital Summit International, August 2010 in Las Vegas featuring the following seminars: Old School Audio in a Digital World

Robert Sanderson

Why a basic understanding of audio engineering is essential to audio enhancement. Focuses on the audio signal, clipping, phase alignment, and adaptive filtering (noise reduction). Features integrated filter/gear strategies meant to function in a real time environment.

Video Lab Strategies: Equip and Train for Success!

Robert Sanderson

The "One Stop Shop" system is a myth. Take this tutorial on planning/budgeting a fully equipped, comprehensive video lab and coordinate staff training in manageable stages through a several year period. Focuses on adding specific capabilities over time which logically builds on personnel development.

General Education:

NYSGED Diploma.

Dutchess Community College -1 semester.

Continuing Education Credits – Western KY University, Forensic Audio/Video and Voice Identification conducted by New York Institute of Forensic Audio (50 Hours, Nov 13-17, 2006).

Featured in October 2005 PRO AV Article: Uncovering Forensic AV,

Law Enforcement Technology magazine in the August 2008 edition.

Primer on how police departments can deal with surveillance video enhancement in an effective, organized program involving forensic equipment and training.



American College of Forensic Examiners (ACFEI) Member since August 2007

International Assn. of Identification (IAI) Member since 5/20/04

Audio Engineering Society (AES) Member