

DIGITAL FORENSICS EXAMINER

CURRICULUM VITAE

Zac Giammarrusco

SKILL SUMMARY:

Digital forensics examiner specializing in audio and video forensic requests. Honors graduate from The National Center for Media Forensics. Experience includes performing forensic authenticity, enhancement and redaction requests from hard drives, laptops, mobile devices, and other portable storage media.

- **Desktop Operating Systems:** Windows 95/98, 2000 Professional, XP Professional, Windows 7 Ultimate; Mac OS X (All Flavors)
- **Applications:** Matlab 2017b, ENCE, FTK (Access Data) FFMPEG, Adobe Audition CC, Adobe Premiere CC, Adobe After Effects CC, Adobe Bridge CC,, WinHEX, HexFind, ISObuster, Media Info, Cam Studio. Protools HD, Logic Pro X, iZotope RX 6 Advanced.

PROFESSIONAL EXPERIENCE:

Founder & Digital Forensic Examiner, Focal Forensics

January 2018 to Present

Focal forensics, Denver, CO

- Redaction
- Supporting video and audio conversion and enhancement requests.
- Audio and video authenticity requests.
- Audio and video redaction requests
- Facial comparison requests

Digital Forensic Examiner, Verden Forensics

January 2018 to Present

Verden Forensics, Denver, CO

- Lead examiner in charge of all work requested out of the U.S.
- Supporting video and audio conversion and enhancement requests.
- Audio and video authenticity requests.
- Audio and video redaction requests
- Facial comparison requests

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Digital Forensic Examiner, CACI Digital Forensics Laboratory

August 2016 to Present

CACI, Inc., Alexandria, VA

- Current primary role supporting the development of the redaction as a service program for state and federal law enforcement.
- Supporting video and audio conversion and enhancement requests.
- Audio and video authenticity requests.
- Audio and vide redaction requests

Digital Forensics Examiner, Cyopsis Lab

March 2015 to August 2016

Cyopsis, Inc., Denver, CO

- Forensic examiner in charge of maintaining evidence integrity throughout the life cycle of the lab.
- Primary role creating forensic images from laptops, cellphones, and other multimedia storage devices .
- Responsible for audio, video, image conversions and enhancement requests.
- Responsible for audio, image and video authenticity examinations.
- Computer forensic requests
- Media Recovery

EDUCATION:

- Masters of Science- Media Forensics, University of Colorado, Denver. December, 2014
- Bachelors of Recording Arts- Audio Engineering, University of Colorado, Denver. December 2012

PUBLISHED WORK:

“Source Identification of High Definition Videos: A forensic Analysis of Downloaders and YouTube Video Compression Using a Group of Action Cameras.”

Zac Giammarrusco, Catalin Grigoras, Jeff Smith, ©2014

SEMINARS AND CLASSES

- LEVA (Law Enforcement & Emergency Services Video Association) Level 1 4/3/17-4/7/17 40hr

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PROFESSIONAL MEMBERSHIPS:

- IAI (International Association for identification) Member
- LEVA (Law Enforcement & Emergency Services Video Association) associate member
- AAFS (American Academy of Forensic Science's) – associate member.
- SWGDE (Scientific working group on digital evidence)- Participant.
- Certified Private Investigator (State of Colorado 2016)

TESTIMONY:

- 04/18/2018 Fort Lauderdale, FL; Fraud investigation (Facial Comparison) [Case #15008519CF10A] State of Florida Vs. John Robinson. 540 South East 3rd AVE. Fort Lauderdale FL 33301
- 02/17/2018 Fort Collins, CO; Child Custody (Image Authentication) [Case #2013-DR-0572] Divison 1A Larimer County District Court; 201 LaPorte Avenue Fort Collins, Colorado 80521.

DEPOSITION:

- 04/12/2018 For the circuit court of the 17th judicial circuit, in Broward County, Florida Case NO: 14-8519CF10A (Facal Comparison) State of Florida Vs. John Robinson.

SECURITY CLEARANCES:

- DOJ MBI