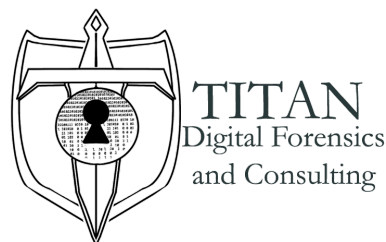


CURRICULUM VITAE

Expert Witness – Digital Forensic Examinations/Investigations

Richard J. Novelli, Jr.

Titan Digital Forensics and Consulting
Wilmington, North Carolina 28409
PHONE: 910-515-3366
TitanDigitalForensics@gmail.com



PROFESSIONAL EXPERIENCE

Feb 2022 – current

Founder/Operator of Titan Digital Forensics and Consulting LLC

Titan Digital Forensics and Consulting was created to assist Law Enforcement, Attorneys and the public in the preservation, analysis and recovery of electronic data from digital devices following methods, procedures and best practices as identified through training, research and experience.

Titan Digital Forensics further assists the community through coordination with other experts in digital forensics and other disciplines to provide a framework of knowledge to assist in investigative efforts.

Jul 2021 – current

Longeviti LLC - Digital Forensic Examiner

Contracted to the Naval Criminal Investigative Service (NCIS)
Camp Lejeune, North Carolina.

As a digital evidence forensic examiner for the United States Military, I examine digital evidence using appropriate protocols and operating procedures to ensure the integrity, presentation, and interpretation of digital evidence.

Aug 1998 – Jul 2021

Federal Bureau of Investigation - Special Agent Digital Forensic Examiner – Computer Analysis Response Team (CART) Team Member/Team Leader - Evidence Response Team (ERT)

Charlotte Division – Wilmington Resident Agency

Conducted investigations into criminal activity to include, but not limited to: Computer Intrusions, Internet Fraud, Internet Identity Theft, Child Exploitation, and other computer related matters.

Started Digital Forensics Training in 1999, Certified Digital Forensic Examiner in 2002, Full-time digital forensic duties began 2007.

The Digital Forensic Program required annual proficiency testing and mandatory yearly training to maintain certification.

Previously a Member/Team Leader of the FBI – Evidence Response Team (ERT) Charlotte Division.

Jun 1993 – May 1998

United States Army - Military Policeman

Duties included assignments with the Fort Shafter, Hawaii Military Police Investigations Unit; Schofield Barracks, Hawaii US Army Criminal Investigations Division (CID) and Fort Campbell 101st MP Company (Air Assault).

EDUCATION

- 2010 – 2011 **Kaplan University**
Chicago, Ill (on-line)
Curriculum – Bachelors of Science in Computer Forensics (not completed)
- 1997– 1998 **Chaminade University**
Honolulu, Hawaii
Curriculum – Masters Degree in Criminal Justice (not completed)
- 1988 – 1993 **Western New England College**
Springfield Massachusetts
Bachelor of Science in Criminal Justice

FORENSIC EXAMINATION / INVESTIGATIVE EXPERIENCE

- Analyzed hundreds of pieces of digital evidence media in support of Local, State and Federal criminal matters since 2002. Participated in the execution of over 50 search warrants/search and seizure operations. Examinations have supported trials with expert testimony in State, Military and Federal Courts including: New Hanover and Craven County, North Carolina, as well as, in Federal Court Eastern District of North Carolina and United States Military Court, Cherry Point, North Carolina
- Currently maintain a Security Clearance through the United States Military
- Maintain close relationships with current law enforcement and others in the field of DFIR and Digital Forensics
- Conducted overseas travel and examinations in support of Counter-Terrorism and Organized Criminal Enterprise investigations
- Trained in the use of AccessData Tools (FTK), Encase, X-Ways, Cellebrite, Axiom and other DFIR tools
- Performed as the (Acting) Supervisor for the Federal Bureau of Investigation, Wilmington Resident Agency approximately 1 year. Additional years as a “relief supervisor”
- Senior Agent in Charge of Human Trafficking Working Group/Task Force ad Crimes Against Children Task Force
- Conducted 100's of interviews throughout 23 years in the FBI. Training in investigations, report writing, interview techniques, as well as, informant development and other investigative functions, which translate to quality conversations with clients.
- Operated as a member, and as a team leader, of the Federal Bureau of Investigation Evidence Response Team. Assisted in evidence recovery operations at the Pentagon (2011), Eric Rudolph's HideOut (Mountains of North Carolina), various plane crashes and at the execution of search and arrest warrants related to drugs, crimes against children, violent crimes and other investigative efforts.

EXPERT TESTIMONY/EXPERIENCE

Last four years

2024 State v. Michael Hassan (New Hanover County, North Carolina Superior Court; expert in digital forensics)

2024 United States v. Anthony Fritzinger (Eastern District of North Carolina; expert in digital forensics)

2022 United States v. Patrick Howard (Military Court, Marine Corp Air Station, Cherry Point, North Carolina)

Prior expert witness testimony in the Eastern District of North Carolina; Military Court, Fort Liberty, formerly Fort Bragg, North Carolina; New Hanover County and Craven County, North Carolina

PROFESSIONAL TRAINING/CERTIFICATIONS

Specific to Digital Forensics

2024 Certified GIAC GASF (SmartPhone Forensics)
2024 Attended SANS FOR585 (Advanced Smartphone Forensics)
2024 Attended various SANS Cyber Security seminars (SANS DFIRCON Miami 2024: Special Edition)
2024 MedEx Forensics (Video Authentication Platform)
2024 Completed various courses in Cyber Security on-line through Coursera
2024 Cellebrite CCPA (Cellebrite Certified Physical Analyst)
2023 Cellebrite CCO (Certified Cellebrite Operator)
2023 Registered as a DFE (Digital Forensic Examiner with the State of North Carolina)
2022 Axiom AX100, AX200
2021 Griffeye Training
2019 FY 18/19 Mobile Technical Refresher Completed
Berla Corporation Vehicle Systems Forensics
2018 OS/Web Artifacts
2017 Various Audio and Video Forensic tools and trainings
2016 Basic Mobile Devices Training
2015 Nuix Training
BlackBag BlackLight Tool Training
2014 Encase Training
Dealing with Images of Child Sexual Abuse and Torture (2 Hour Conference)
GPS/Cell Phone Training
X-Ways Training
2012 Artifact and Case Timeline Training
Certified GIAC GCFE (Certified Forensic Examiner)
Attended SANS 500 Windows In-Depth (formerly Sans 408)
2011 AccessData Certified Examiner
Forensic Tool Kit (FTK) LAB 3.x
2010 Live Memory Capture (Use of Linux, Accessdata Tools and others)
Advanced Virtual Forensics
Network+
Virtual Forensics for Linux
2009 Linux for Forensics / use of Command Line
CART - ImageScan System - Version 3
2008 2007 FBI-CART ImageScan System version 2.1
Windows Registry: Basic Concepts
Vista Forensics - taught by Microsoft
Search Concepts (Grep) Training
2006 CART/RCFL Web Crime Workshop
Case Agent Investigative Review (Training Case Agents/how to look at results)
2005 CART/RCFL Counterterrorism Workshop
Coaching & Team Building Workshop
Internet Processing
2004 CART-Regional Computer Forensic Lab (RCFL) Conference
CART Basic Tools
2003 EnCase Intermediate Analysis and Reporting
Linux Boot CBT Training - v3
2002 Palm Devices (PDA)
iLook
2001 CART Moot Court
NW3C Basic Data Recovery & Analysis (BDRA)

ADDITIONAL INFORMATION

Completed various Cyber Security Certificate Courses through Coursera 2024
Training in Python at the Techno Security Conference 2024
Techno Security Conference (attendance), Wilmington, North Carolina 2024
Training in Python through On-line Sources 2023
Techno Security Conference (attendance), Wilmington, North Carolina 2023
Techno Security Conference (attendance), Myrtle Beach, South Carolina 2022
Instructor for Digital Video Retrieval Training (DiVRT) 2019-2021
Various Webinars for Cellebrite/Axiom 2021-2024
Image Scan Instructor
FBI CellPhone Kiosk Training
Crimes Against Children FBI In-Service Training
On-Line Undercover Training
Internet Crimes Against Children Conference Multiple Years
Computer Search and Seizure Training 10/05/2000
Additional Computer Based Training as associated with Computer Investigations
 Investigating Wireless Computer Intrusions
 Unix Basic and Advanced
 Cyber Investigative Techniques and Resources
Research and review of current best practices through
 NIST (National Institute of Standards and Technology)
 SWGDE (Scientific Working Group on Digital Evidence)
 Coordination with others in the field of Digital Forensics
 Follow and Review various Forensic Forums/Companies and Individuals through on-line platforms