



Philip Blazer Catzen  
Catzen Forensic  
Catzen Computer Consulting Corp.  
410-891-1680

**Education**

1976 – Gilman School  
1982 – University of Virginia – BSCE

**Computer Forensics Education**

Guidance Software Professional Development and Training – Dulles Va (Makers of EnCase)

Computer Forensics 1	May 2008
Computer Forensics 2	June 2008
Advanced Computer Forensics	June 2008
Neutrino (Cell Phone Examination)	Dec 2008
Advanced Internet Examination	Jan 2009
Network Intrusion Investigations	March 2009
Examination of NTFS Artifacts	March 2009
Enterprise Examinations	July 2012

AccessData (Makers of FTK)

FTK Bootcamp	February 2011
Windows XP Forensics	March 2011
Windows 7 Forensics	April 2011
Windows Registry Forensics	June 2011
Internet Forensics	July 2011
Applied Decryption	Nov 2011
Mac Forensics	Dec 2011
Mobile Phones 202 (MFI)	Jan 2012
Blackberry Forensics (1 day)	Jan 2012

X-ways Forensics June 2012

Time Line Analysis – (H.Carvey – Applied Security) April 2013

Mac Forensic In-Depth Analysis (BBT-300, BlackBag Technologies) October 2013

Essential Forensic Techniques 1 (BBT – Mac/iOS Blackbag Technologies) March 2015

SQLite Forensics Va. Department of Forensic Science – Teel Technologies – September 2015

Advanced Windows 10 Forensic Analysis - Spyder Forensics – July 2019



### Teaching

Adjunct Professor – University of Baltimore, Criminal Justice Master’s degree program.  
Forensic Science - Computer Forensics - January 2016 – January 2018.

Security University - Qualified Forensic Examiner

### Speaking Engagements

National White Collar Crime Center (NW3C) – August 2019  
Zip File Forensics (via web cast)

Techno Security Conference - Myrtle Beach SC- June 2019  
Zip File Forensics

Techno Security Conference - Myrtle Beach SC- June 2018  
Detection of Metadata Spoofing in MS Office Documents

Maryland State Bar Association – September 2016 (CLE Accredited Course Number: C-5035-16)  
Electronically Stored Information (ESI) – What Lawyers Need to Know

Techno Security Conference 2016 – Myrtle Beach SC – June 2016  
Metadata Exploitation and Detection in MS Office Documents

National Business Institute, Continuing Legal Education (CLE accredited) December 2015  
How to Get Your Social Media, Email, and Text Evidence Admitted (and Keep Theirs Out)  
What to Look for, Where to Find it and What to do With it: Email, Social Media, Texts and Video  
Presenter

June 2015 – E-Discovery and Information Governance Committee of the D.C. Bar Litigation  
Section.  
Forensics Collections: A Discussion with the Experts  
Panelist

2014 Maryland Judiciary Conference – National Harbor - October 2014  
Is Anybody There? Use of Cellphones and Technical Evidence in Criminal Cases.  
Presenter \ Panelist

Nuix Weninar - August 2014  
Shared Intelligence: How Investigators Can Share Forensics Information across Multiple Cases  
Panel Moderator

Techno Security 2014 – Myrtle Beach SC – June 2014  
The Forensics of File System Tunneling  
Meta Data Spoofing



Shared Intelligence (panel)

Licensing Executive Society May 2014  
Mobile and Consumer Electronics Committee  
Smartphone Security

Baltimore Family Law Committee – March 2014 (Circuit Court Baltimore City)  
What Can Be Recovered from Your Smartphone, Tablet or Other Computer Device?"

JSOC, Ft Bragg NC Dec 2013  
The Forensics of File System Tunneling  
Advanced Date Time exploitation

American Academy of Matrimonial Lawyers – Maryland Symposium Nov. 2013  
Smartphone Security

Techno Security 2013 – Myrtle Beach SC June 2013  
The Forensics of File System Tunneling

## **Experience**

1991 – 2008 President Cape Computing Corp

I founded Cape Computing in 1991 after finding a passion in Computer Software and Hardware Configurations. Initially Cape Computing was a small company providing software development and network management services to small businesses. In 1998 we began writing the Credit Scoring environment for Caterpillar Financial. At that point the company was about 20% Infrastructure Management 80% software Development.

I was hands on with all aspects of the company from Software design, Data structure design, Network design and deployment, Coding, Business Process Engineering, software architecture, Virus analysis\cleaning

In 2004 we were contacted by a local attorney to provide Forensic Analysis in a matter. We received our initial Training from ASR Data (makers of the forensic tool, SMART). Following that case we entered the Forensic Analysis business and completed several assignments both Criminal (defense work) and Civil.

Personal experience at Cape included design, purchase, build and manage networks ranging in size from 5 pc's in a single location to 175 PC,s (and servers) spanning 8 locations in multiple states. Design and write software and database application, Build VPN (point to point and mobile), Forensic analysis of hard drives.

4/2008 – Present

President – Catzen Forensic

President - Catzen Computer Consulting Corp.

Catzen Forensic provides data recovery services, forensic imaging of drives, reconstruction of NTFS and FAT file systems, reconstruction of RAID sets, Cell phone\Smart Phone forensics,



Expert Witness, Forensic Examination of Hard drives, Network Traffic Analysis, Electronic Discovery, Network Intrusion Investigation and Analysis, Trojan/Virus reverse engineering. He has performed over 250 investigations and hundreds of data recoveries

Catzen Computer Consulting Corp provides network management, software development and consultation services to small and mid-sized businesses.

### **Skill Sets**

#### File Systems

NTFS

FAT

Ext 2 & 3

HFS \ HFS Plus

APFS

#### **Forensic Tools (Partial)**

Encase Forensic (6.10 – 8.x)

Encase FIM (Field Intelligence Model) 6.18.3

FTK 3.2 – 6.0

Paraben Email Examiner

Paraben Network Email Examiner (NEMX)

Paraben P2 Commander

MPE+ (cell phone\smart phone)

Cellebrite – UFED – PA- LA

Oxygen

Win Hex \ x-Ways Forensic 15.x, 16.x, 17.x,18.x, 19.x

Ethereal \ Wireshark

dtSearch

FTK Imager

FTK Registry Viewer

Internet Evidence Finder (3,4,5,6)

Axiom (3.x)

Gargoyle

BitPim

SimCon

BlackLight 2013-2019

MacQuisition

Mobilyze

Intella 1.6.x, 1.7.x

Nuix eDiscovery\Investigation Workstation (4, 5, 6)

TZWorks Suite

Sanderson Forensic SQLite Forensic Toolkit

PW Crackers \ Hackers

Passware



WinRTGen  
CAIN  
JTR  
LOPhCrack  
PRTK

Operating Systems \ software packages too numerous to list

I have testified or have been deposed as an expert witness:

MR CRESCENT CITY, LLC, et al. V GIANNASCA CRESCENT CITY, LLC, et al  
Circuit Court for Baltimore City 24-C-07-001253  
(Testimony)

L. KANDARE V A. KANDARE  
Circuit Court for Anne Arundel County Case No. 02-C-08-134210  
(Testimony)

MARYLAND ORTHOTIC AND PROSTHETICS INC. v METRO PROSTHETICS ET AL.  
Baltimore County Circuit Court Case No. 03-C-12-001648  
(Deposition and Testimony)

SADIE M. CASTRUCCIO V ESTATE OF PETER ADALBERT CASTRUCCIO  
Circuit Court for Anne Arundel County Case No 02-C-13-177699  
(Deposition and Testimony)

AMY MARQUEZ v. DANIEL K. ASIEDU M.D., COASTAL MEDICAL INC.  
State of Rhode Island Providence SC, Superior Court C.A. NO.: PC12-4320  
(Deposition)

SECURE FUNDING, LLC, et al. v. GULZAR, INC., et al.  
Circuit Court for Howard County, Md Case No. 13-C-14-100590  
Consolidated  
(Deposition)

JON M. FRIAR v. KATHRYN SPEARMAN FRIAR  
Circuit Court for Baltimore City Case No. 24-D-15-002111  
(Deposition)

SADIE M. CASTRUCCIO V ESTATE OF PETER A. CASTRUCCIO  
Circuit Court for Anne Arundel County Case No C-02-CV-16-000278  
(Deposition and Testimony)

WHITE MARLIN OPEN, INC. et al, v. PHILIP G. HEASLEY  
United States District Court for the District of Maryland  
C.A. No.: 1:16-CV-03105-RDB  
(Deposition)



Attorney Grievance Commission of Maryland v. Samuel Sperling' et al.  
Misc. Docket AG NO. 40 & 76 September Term, 2016  
Circuit Court for Baltimore County Case No.: 03-C-16-010146  
(Deposition and Testimony)

JENNIFER COOKE v. STEVEN COOKE  
Circuit Court for Baltimore County Case No. 03-C-15-008386  
(Testimony)

CLIFFORD F. RANSOM, III v. JAMES J. DASHER  
Circuit Court for Baltimore County Case No. 03-C-17-00267  
(Testimony)

JOSEPH J. MEZZANOTTE v. TARA L. MEZZANOTTE  
Circuit Court for Howard County Case No. 13-c-16-108394  
(Testimony)

UNITED STATES v. DEMETRIOS STRAVAKIS  
United States District Court for the District of Maryland  
Criminal No. ELH 19 0610  
(Testimony)