

<u>Skills</u>

**Business Experience** 

Testifying Experience

Approximate Case Breakdown

Selected Computer & Technology Forensics Experience

Computer & Technology Forensics Teaching Experience

Computer & Technology Forensics Published Works

**Licenses** 

Forensic Hardware Experience

Forensic Application Experience

<u>Computer Consulting /</u> <u>Data Systems</u> <u>Experience Examples</u>

Other Application Skills

Formal Education

Honors & Distinctions Past & Present

Professional Societies Past & Present

Other Public Service Past & Present

Inventions / Patents

Major Research Interest

**Languages** 

**Personal** 

# CURRICULUM VITAE OF

### Evidence Solutions, Inc. • <u>Scott@EvidenceSolutions.com</u>

### SPECIALTY —

Acquisition, Preservation, Analysis and Presentation of Digital Evidence Explained in PLAIN English.

### SKILLS ——

- Accounting Systems
- Black Boxes
- ECU, EDR, ECM, Etc.
- Cell Phones
- Call Data Records (CDRs)
- Computer Systems
- Databases
- Digital Cameras
- Digital Fraud
- Digital Media
- Digital Security
- Documents
- Electronic Logging Devices
   Electronic Medical Records (EMR / EHR)
- Email / E-mail
- Fax Machines
- Google Data
- GPS Systems
- GPS Records

- Hacking Events
- iCloud data
- Intellectual Property
- Internet Browsing History
- Intrusions
- Medical Systems
- Other Electronic Devices
- Password Cracking
- Photo Copiers
- Photos and Images
- Printers & Fax Machines
- Software Applications
   Custom & Commercial
- Software Design & Development
- Social Media
- Source Code Analysis
- Spreadsheets
- Telematics Systems
- Websites
- And More

## BUSINESS EXPERIENCE -

### **Evidence Solutions, Inc.**

Principal and Senior Digital Forensics Examiner.

- Full-Service Computer, Technology & Digital Forensics.
- Senior Computer and Technology Evidence Examiner.
- Responsible for overall management of the Digital Forensics Division, digital evidence acquisition and preservation, depositions, and testimony.
- Software Engineer for custom applications required to examine forensics data.
   \*Evidence Solutions, Inc. was created when the Forensics Department of
   Great Scott Enterprises, Inc. became its own company.

#### Great Scott Enterprises, Inc.

- Full-Service Computer Consulting and Computer Forensics.
- Programmer, Computer Consultant and Technical Services Manager.
- Responsible for overall management of staff, business development, sales and product development.

### **Medical Computer Solutions**

Principal and Chief Executive Officer

- Medical Software installation, training and maintenance.
- Computer and Software Consultant.

### Digital Forensics in PLAIN English for Over 30 Years.



PO Box 42047 • Tucson, AZ 85733 866.795.7166 • <u>EvidenceSolutions.com</u>

2008\* - Present

1982 - July 2011

1991 - July 2011



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### BUSINESS EXPERIENCE cont.

Specialty

Skills

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#### **Greene Wolfe Enterprises** Principal. Partner.

Product development / Patent Submission.

#### Paz de Penasco, LLC; Lone Pine Properties, LLC; Casa Arena, LLC; Luna Nueva, LL Creator, Principal, Partner, Manager.

• Real Estate holdings.

• Develop foreign property for investment profit. Manage & supervise foreign employees.

## TESTIFYING EXPERIENCE —

- Civil & Criminal
- Special Master
- Plaintiff and Defense

- Insurance, Corporate, Family Law
- Justice, Superior & District Courts as well as Arbitration Hearing

## APPROXIMATE CASE BREAKDOWN

- Civil Defendants 30%
- Civil Plaintiffs 50%
- Criminal Defendants 20%

1994 - Present

1999 - Present

## SELECTED COMPUTER & TECHNOLOGY FORENSICS EXPERIENCE -

- Arizona State Court Special Master in an employment dispute case searching for and identifying potentially deleted attorney-client privileged email communications to outside recipients.
- New Mexico District Court Special Master in a truck crash case examining cell phones of the various drivers involved in the accident.
- Utilized Cell Tower Triangulation evidence in a divorce case to prove cohabitation that nullified alimony payments.
- Analyzed GPS records in a trucking accident case to prove the driver was manipulating their electronic logging device in order to avoid required breaks.
- Work with defense team on criminal case to determine the various dates information was stored on the defendant's computer system. Testify against government prosecution to disprove a portion of its case. Assist defense team in testimonial cross examination.
- Work with civil litigation team to prove minors were served alcoholic beverages prior to committing aggravated assault by reviewing Point of Sale System information.
- Work with Executor of estate to locate missing and hidden assets which the deceased deliberately concealed.

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## SELECTED COMPUTER & TECHNOLOGY FORENSICS EXPERIENCE cont. -

• Work with Plaintiff in a civil case to review hundreds of Gigabytes of Microsoft Exchange e-mail data to locate correspondence related to the case.

• Review data on multiple computers and cross reference to associate the user with pornographic data loaded on the computers.

• Review payroll data for an embezzlement case to determine if data had been altered prior to printing of employee demographic pages.

• Consult with large city transportation department regarding information stored on an EDR system of a Ford truck.

• Assist state regulatory agencies in extracting data from servers and workstations in various insurance fraud cases.

• Review the contents of a murder victim's cell phone for evidence.

• Collect and review data from a Native American Tribe's laptops, desktops and servers for an internal investigation.

• Consult on black box data of a fatal multiple commercial vehicle accident.

• Track down and locate a person who was slandering another person using the Internet and attempting to hide as anonymous.

• Examine cellular telephone, cell phone records and telematics system output to determine that a truck driver was texting while driving hazardous materials. \*\*

• Examine email, Solid works and other CAD program output to determine that email had been fabricated to make the intellectual property involved appear to be older than it was.

- Examine digital photos in a medical malpractice case to help determine the exact time of events in a hospital.
- Collect information from a law firm's computer system to help identify email data that had been deleted by a former employee.
- Assist state university in cases of inappropriate use of corporate technology. \*\*
- Assist college district in defending a wrongful termination law suit. \*\*
- $\bullet$  Collect evidence of intellectual property misappropriation by mass exodus of employees to create a competing company.  $^{\ast\ast}$
- Extract and analyze telematics GPS data from trucking company computers to determine the location of trucks within a geographical area over a period of time. \*\*

• Examine data from a large network for a state insurance department to determine the extent of wrong doing by the owners of an insurance company.

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## COMPUTER & TECHNOLOGY FORENSICS TEACHING EXPERIENCE -

I regularly speak and teach Digital Forensics and Cyber Security to various organizations. These organizations include: Bar Associations, Government and Law Enforcement, Universities and Colleges, a wide range of Societies and conferences as well as private corporations. The content and materials are developed and written by me. A complete list of dates and subjects may be found here:

www.evidencesolutions.com/web/speaking-a-cle.html

## COMPUTER & TECHNOLOGY FORENSICS PUBLISHED WORKS

I regularly write and publish articles on subjects related to Digital Forensics and Cyber Security. Most of these articles are published on the Evidence Solutions, Inc.'s website. Others are published in print magazines as well as digital and online publications. Articles, publication dates and subjects are listed here:

### www.evidencesolutions.com/web/articles.html

Arizona Private Investigator # 168476	51	Texas Private Investigator # 39509501
Arizona Private Inv <mark>es</mark> tigator Firm # 1684760		Texas Private Investigator Firm # C05211201

## FORENSIC HARDWARE EXPERIENCE -

Hands on experience with various Computer and Technology Forensics Hardware. Write Blockers, Data Extractors, and data reading devices.

## FORENSIC APPLICATION EXPERIENCE —

- Access Data
   FTK Forensic Tool Kit
   MPE Mobile Phone
- Examiner Imager and More
- Compelson Mobile Edit Forensics
- Crash Data Group
   Crash Data Retrieval
- Custom Applications Creation of custom applications as required

- DME Forensics
- Digital Video Recorder Suite • ElcomSoft
- Various
- Paraben

   E-mail Examiner
   P2 Commander
   Network E-mail Examiner
   Device Seizure
- Forensic Replicator and More
- RunTime
- Various Applications

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## FORENSIC APPLICATION EXPERIENCE cont. -

Magnet Forensics
 Acquire

Internet Evidence Finder Computer Forensics Suite Axiom

- Guidance Software
- Familiar with Various Versions

- Various Hardware Write Blockers
- Oxygen Forensics Company
- Oxygen Forensic Suite • DT Search
- Wireshark
- xWays Winhex
- And More

## COMPUTER CONSULTING / DATA SYSTEMS EXPERIENCE EXAMPLES

• Creation and maintenance of a sophisticated acid plant product distribution system. This system managed production and sales of acid produced as a by-product to the production of copper.

• Design, create and maintain copper plate sales and distribution system.

• Designed, created and implemented a multi-location, multi-platform (Windows, Macintosh, and DOS) help desk Knowledge Base system for the Personal Tax support crew in Tucson and Rio Rancho. Exchange live data between FoxPro and File Maker Pro.

• Customization of an off the shelf accounting system (ACCPAC's SBT) to meet very specific purchasing and accounting department requirements. Conversion from separate purchasing and accounting systems to SBT, including data extraction, conversion, and implementation.

• Assist in company growth by using technology to move from data entered QuickBooks7 to integrated data system which used Mainframe data to generate and process invoices.

- Install and maintain Groupware products including Novell products and Microsoft products.
- Domain name registration, management and modification. DNS setup.
- Website setup & implementation. Ongoing Search Engine Optimization and Statistics.
- Creation of Novell and Microsoft Networks of all sizes for all kinds of industries.
- Website creation and programming.
- Designed, Sold, Installed, and Maintained Electronic Medical Billing and Record Systems
- Select, install and maintain corporate Information Technology systems to support corporate goals.

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## OTHER APPLICATION SKILLS —

### Accounting Systems

Databases

- Microsoft SQL
- OraclePervasive
- MvSQL
- dBase / FoxPro and Others

## Database Management and Implementation

- E-mail and Group Ware
- GroupWise
- Citrix
- Exchange
- Many other e-mail clients

#### Medical Practice Management and Billing

- **Operating Systems**
- Apple
- Linux
- Microsoft
- Novell

### Programming Languages

• BASIC, Visual BASIC, Visual BASIC

- Script, Business BASIC
- C, C++
- Pascal / Delphi
- Xbase languages including:
  - Microsoft Fox Pro all versions
  - Dbase all versions

## FORMAL EDUCATION -

**Date(s)** 1982 - 1984 **Discipline** Systems Engineering

**Institution** University of Arizona

## HONORS & DISTINCTIONS PAST & PRESENT

Cisco, Partner

On Track, Partner

Computer Associates, Partner

Sage ACCPAC, Dealer & Certified Consultant

HP / Compaq, Partner

Seagate Disk & Tape, Partner

Linksys, Partner

Sfile, Partner

The Medical Manager Independent Sales Office

Symantec, Partner

Microsoft, Partner

Timeslips, Certified Consultant

Novell, Partner

Websense, Partner

ITT Technical Institute Computer Curriculum Advisory Board

University of Advancing Technology Technology Forensics Program Advisor

> Century College Computer Forensics Advisory Board

Western Governors University System Forensics, Investigation, and Response - Curriculum Development

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## HONORS & DISTINCTIONS PAST & PRESENT —

University of Arizona Guest Lecturer & Subject Matter Expert University of Alaska, Fairbanks Guest Lecturer

### **PROFESSIONAL SOCIETIES PAST AND PRESENT -**

Southern Arizona Network Users Group

Center for Software Excellence (CSE) / Information Technology Association
 of Southern Arizona (ITASA) / Aerospace Manufacturing Information Technology
 Association (AMIT)- Board Member

- Arizona Technology Council
- Information Systems Security Association (ISSA)
- Arizona Internet Professionals Association (AzIPA)
- Business Information Club
- Sonoran Desert Security Users Group
- Forensic Expert Witness Association State and National Board Member
- Southwest Security Professionals
- Arizona Commerce Authority Advisor
- Affiliated Professional Member of the American Bar Association

## OTHER PUBLIC SERVICE PAST AND PRESENT -

- Pantano Exchange Club Former President
- Tucson Exchange Club's Child Abuse Prevention Center
- Blair Charity Group Board Member
- Integrative Touch for Kids
- Boys and Girls Clubs of Tucson
- Children's Museum Tucson

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## **INVENTIONS / PATENTS**

Undisclosed patents applied for

### MAJOR RESEARCH INTERESTS -

- Computer Forensics
- Cell Phone & Mobile Device Forensics
- Computer Security
- Internet Security
- Personal Privacy in the Information Age
- Vehicle Digital Evidence. Including Self Driving Cars & Integrated Electronics
- Biometrics

## LANGUAGES -

Actively studying and developing Spanish language skills

## PERSONAL ·

In my personal time I enjoy international travel, spending quality time with family and friends as well as watching the Arizona Wildcats basketball team play live as often as I can.

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