Curriculum Vitae
10/1/22

Date and Place of Birth: February 21, 1959 in Peoria, Illinois

Professional Experience:

President, Forensic Computer Service, Inc.	(2004 – present)
President, St. Louis Internet, Inc.	(1995 – present)
President, Advanced Digital Systems of St. Louis, Inc.	(1982 – present)[1]
Vice-President of Operations, Universal Sewing Supply, Inc.	(1989 – 1995)[2]
Director of Information Technology, Universal Sewing Supply, Inc.	(1985 – 1989)[3]
Manager of Data Processing, Donelan, Phelps & Company, Inc.	(1983 – 1985)
Director of Customer Training, Amcor Computer Corporation, Inc.	(1983 – 1983)
Director of Customer Support, Amcor Computer Corporation, Inc.	(1982 – 1983)
Software Project Manager, Data Research Associates, Inc.	(1982 – 1983)
Director of Operations, Data Research Associates, Inc.	(1979 – 1982)
Director of Customer Support, Data Research Associates, Inc.	(1979 – 1982)
Programmer and Computer Operator, Triangle Communications	(1973 – 1977)

Formal Education:

Graduate Quincy Senior High School, Quincy, IL.	1976
Illinois State University, Normal, IL.	1978
Graduate Digital Communications Assoc., Atlanta, GA.	1980

Formal Employer Training:

Triangle Communications
- Computer programming and software systems design
- Computer operations

Data Research Associates
- ASSEMBLY, DIBOL, BASIC, FORTRAN computer language programming
- Forensic data recovery from damaged hard drives
- Analysis of deleted computer data and reconstruction of same
- Programming (author) of forensic software to recover deleted data
- Programming (author) of forensic software to recognize record formats and reconstruction of deleted data into usable formats
- Programming of software to interface with network protocol DECNET
- Wide area network design, utilization and implementation
- Computer security methods; software design and implementation
- Software encryption and compression of data
- Operating system internals; including file system structures
- Modifications (programming alternations) to Operating Systems and file structures

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[1] Incorporated in 1990
[2] Served on the Board of Directors
[3] Member ASIS International (the preeminent organization for security professionals)

<u>Advanced Digital Systems of St. Louis</u>
- Computer hardware installation and maintenance
- 2-way radio communication and surveillance systems design

<u>St. Louis Internet, Inc.</u>
- Internet networking design and routing, web hosting, web site design

Technical Skill Set:

Author (programmer) of proprietary forensic computer programs to analyze data, recover
deleted data and reconstruct data files and file system structures[4]

EnCase forensic software

FTK forensic software

NetAnalysis forensic software

P2P Marshal forensic software

CELLEBRITE, PARABEN DEVICE SEIZURE cell phone forensics

Internet file sharing (P2P), FTP, TELNET and other Internet protocols

Internet servers including Web, Email, Image, Streaming,

Various computer forensics support software to aid in forensic investigations[5]

Data encryption and security

Design and operation of Internet networking systems for commercial business

Internet service provider (ISP) for commercial business users

Computer programmer in assembly language, C, COBOL, FORTRAN,
BASIC, SQL, ASP, JAVA, VBSCRIPT, PERL, HTML, PYTHON and others

Operating System (WINDOWS, MAC, VMS, RSTS and others) Internals and programming

2-way Radio systems design, installation and repair including transceivers, repeaters
and antenna systems for business and government customers

Data communication network design, installation and training including Internet network
routing design and installation

Design, manufacturing and installation of covert and non-covert communication and surveillance
systems primarily for US Government entities and sub-contractors with most
equipment governed by US 90-351, Title III, 18 USC Section 2511

Large scale computer hardware and software systems design, installation and support

Digital video, still and image analysis and conversion

Seminars and Presentations Given:

Gallop, Johnson & Neuman, L.C., St. Louis, MO.	Spring, 2004
T.E.C. CEO Group, St. Louis, MO.	Summer, 2004
Missouri State Public Defender System, State Conference	Winter, 2004
Federal Public Defender, Eastern District of Missouri	Fall, 2008
IAJ's Annual Criminal Law Seminar, Iowa City, IA.	Fall, 2011
Private Investigator Training (1.5 CEU) St. Louis and Kansas City	March, 2012
Missouri Bar Association	June, 2013
Missouri Bar Association (2 presentations)	October, 2013
Lindenwood University – Masters of Criminal Justice Program	June, 2015

Certifications and Ratings:

Data Network design, implementation and programming

FAA Commercial (for hire) Pilot license with instrument rating for single and multi-
Engine aircraft

Private Investigator License MO. #2010042538

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[4] Beginning in 1980 through present

[5] Comprising approximately fifty (50) additional computer programs, some of which were designed and programmed internally;
one of which has been peer reviewed by FBI/CART at a Federal Crime Lab (FCL)

Training:

112 hours of CEU in legal, forensics, investigations	2010-2022
18 hours Adobe Premiere Master Class	2021
42 hours Ethical Hacking Master Class	2022

Ongoing:

Technical Webinars from Cellebrite, EnCase, Access Data (FTK) and Magnet Forensics (AXIOM/IEF)