



Computer Forensics Examiner - Providing computer forensics services to attorneys, law firms and the courts. I find hidden or destroyed data in computers, cell phones and other digital devices, investigate data breaches, provide litigation support and expert testimony related to computer evidence.

Software Developer - Develop full-stack web sites and desktop applications: back-end, database and front-end UI.

## Work Experience

TC FORENSICS, INC. (Formerly KLG COMPUTER FORENSICS, LLC) - *Computer Forensics Analyst / Founder*  
2006 to Present, Syosset NY

Provide computer forensics services to attorneys, law firms and the courts. I find hidden or destroyed data, investigate data breaches, provide litigation support and expert testimony related to computer evidence. Focus is on Corporate Litigation, Matrimonial, Labor and Employment, Bankruptcy, and data recovery. Court appointed expert in New York, Nassau and Suffolk counties.

- Investigate computer and cell-phone data with various forensic tools (FTK, X-Ways, MPE, Scalpel, Linux, etc) in over 200 litigated matters.
- Write Python and Perl code to parse raw filesystems (NTFS, HFS+, EFS), databases and file formats.
- Built and admin ZFS file server, Windows Mac and Linux forensic workstations.
- Present seminars, public speaking engagements and training in computer forensic topics.

TURTLECOVE TECHNOLOGY, INC. - *Software Developer*  
2000 to Present, Syosset NY

Developed full-stack web sites and desktop applications: back-end, database and front-end UI. Clients include SponsorClick.com, AgencyAccess.com, DMLT (Investment Cafe), Wine Alert (eRobertParker.com), ICS Network Systems (MailSentry), AllBooks4Less.com (Half.com) and more.

- Technologies used include Perl, Python, C++, Cold Fusion/Java, PHP, Javascript, jQuery, SQL (PostgreSQL/MySQL/MSSQL), Web spidering, XML, Linux admin, Sendmail plugins (milfers)

LI NET, INC. (Acquired by VERIO, INC.) - *Co-Founder*  
1995 to 1999, Smithtown NY

Founded LI Net, an early Internet Service Provider, with three partners and almost no capital; In the span of four years we built LI Net to the largest ISP on Long Island and one of the largest in New York. Just as we were on the verge of accepting an angel round of funding to expand we accepted an acquisition offer from Verio, a national roll-up of the top 50 regional ISPs, in an all cash deal.

- Full-stack web site development (Cold Fusion/Java, SQL (PostgreSQL, MySQL), Javascript, HTML)
- Linux admin (Perl, sh/bash), Apache server admin, Usenet server admin
- Sales engineer, Public speaking (seminars, presentations), Training

LEHMAN BROTHERS, INC. - *Senior Systems Analyst, Fixed-Income Derivatives*  
1994 to 1995, New York NY

- Supported overnight value-at-risk calculation process (C++, Perl, sh/bash, SQL (Sybase))
- Added support for Bermuda style options to Black Scholes based option pricing modules (C++)
- Supported derivatives trading desk and SUMMIT trading system (Summit, C++, Perl, sh/bash, SQL (Sybase), Excel)

### QUOTRON SYSTEMS, INC. / CITIBANK - *Software Specialist*

1993 to 1994, New York NY

- Added functionality, customizing, and training to Quotron Trading Support System for clients including Credit Suisse First Boston, Paine Webber (C/C++, SQL)

### ERI, INC. - *Senior Programmer/Analyst*

1991 to 1993, Hauppauge NY

- Designed and developed ERI's document imaging system (C++, SQL/Informix, Excel, X/Motif)
- Developed custom programming solutions for clients including Salomon Bros., Price Waterhouse
- Performed installations and training of our document imaging system and custom programming solutions for Salomon Bros., Brooklyn Union Gas, Banco Bradesco (in Sao Paulo, Brasil), others
- Supported sales staff in demonstrating and customizing technology products (Sales Engineer)

### NEC AMERICA, INC. - *Consultant*

1990 to 1991, Melville NY

- Designed and developed NEC's SP120 Network Security Processor for securing circuit-switched Frame Relay and X.25 network communications (C/C++, Linux, Frame Relay, X.25, Firewall, SNMP, CMIP)

### DIGITAL ARCHIVE COMPUTER SERVICES, INC. - *Programmer Analyst*

1988 - 1990, Syosset NY

- Developed a tele-radiology system used for remote viewing of radiology images for diagnostic and legal purposes (C/C++, digital image processing)
- Performed installations and training of the tele-radiology system at various medical facilities including Syosset Hospital, North Shore University Hospital and others

### STATE UNIVERSITY OF NEW YORK AT FARMINGDALE - *Adjunct Professor (1989)*

- Taught C, C++ programming classes

## Education and Certifications

AccessData Certified Examiner (ACE)

AccessData Mobile Examiner (AME)

ACCESS DATA, INC: Forensic Toolkit training 2004

NEW YORK INSTITUTE OF FINANCE: Intermediate & Advanced Derivative Products 1995

STATE UNIVERSITY OF NEW YORK AT BUFFALO: B.S. Computer Science 1988

## Professional Affiliations

Co-chairman of the Computer Forensics subcommittee of the American Bar Association, Section of Litigation Expert Committee - April 2013 to present

## Patents

US Patent Pending 12/537,786, "E-MAIL AUTHENTICATION PROTOCOL"