Dr. Everett F. Carter Jr.

Education

- 1983 Ph.D., Applied Physics, Harvard University, Dissertation title: Statistic and dynamics of ocean eddies

- 1982 M.S., Applied Physics, Harvard Univeristy

- 1977 B.S., Physics, Massachusetts Institute of Technology

- 1977 B.S., Earth and Planetary Sciences (Geophysics), Massachusetts Institute of Technology

Security Clearance

DOD Secret, current

Specialized Skills

- Network security architecture, management and administration policies

- Building, managing and enhancement of the infrastructure (firewalls, switches, routers, intrustion detection systems) of large networks. This includes devices from manufacturers such as: Brocade, Cisco, ServerIron, Juniper/Netscreen, Fortinet and SonicWall. Co-author of the book *Snort IDS and IPS Toolkit, Syngress Publishing 2007*

- System security audits; Internet intrustion investigation; computer and network forensics

- System log management, co-author of the book *Security Log Management, Syngress Publishing 2006*

- Integration of heterogeneous operating systems and vendor equipment on a single network.

- Computer languages: C, C++, Java, Perl, Ruby, HTML, XML, Unix shell and Windows PowerShell scripting. (Legacy languages Ada, C*, FORTRAN, Forth, WML). Written several parsers, assemblers and compilers.

- Operating Systems: Unix: SysV, BSD, Linux (all distributions), Solaris, Windows, Apple iOS. Also legacy operating systems:AIX, SCO, HPUX, DOS, PalmOS

- Design and implementation of distributed parallel applications for massively parallel (Connection machine, CM2 and CM5), cluster (PVM, MPI) and threaded architectures. Used for oceanographic prediction modeling, US Navy weather forecast modeling and large scale data analysis.

- Real-time and embedded system design; embedded system robotic instrumentation.

Experience

Owner   Taygeta Scientific Incorporated   1995-present
           dba Taygeta Network Security Services

Taygeta Network Security Services provides contract and consulting Internet and information security services to the following industries: Aerospace, Banking and Financial Business (Public and Private sector), Education, Engineering, Government, Internet Service Providers, Law Enforcement, Legal, Manufacturing, Medical, Research and Development.

Taygeta client projects include:

- Management, monitoring and application of firewalls, intrusion detection systems, routers and switches for a comprehensive security design.

- Development of security policies, system security audits, system hardening, internet intrusion tracking

- System disk drive forensics for both external intrusions and internal abuse

- TCP/IP implementation for Internet access appliance

- Algorithms and design for secure access control systems

Previous Employment

US Naval Postgraduate School	Monterey CA	
Visiting Professor of Science		1999-2001
Assistant Research Professor of Oceanography		1994-1995
Assistant Professor of Oceanography		1990-1994
University of Hong Kong	Department of Chemistry	
Adjunct Faculty of Science		1995-1996
University of Rhode Island, Graduate School of Oceanography		
Marine Scientist		1984-1990
Harvard University	Cambridge MA	
Postdoctoral Fellow		1983-1984

Professional Affiliations

American Society for Industrial Security (ASIS) • American Geophysical Union • Society of Exploration Geophysicists • Oceanography Society • Forth Interest Group (Former President, Director of the board) • MIT Black Alumni Association • Alliance for Marine Remote Sensing • Marine Technology Society • American Institute of Physics • American Nuclear Society • Monterey Peninsula Chamber of Commerce (former member of Board of Directors).