

# Curriculum Vitae

## Harold T. Nicholas, Director, Hardcore Solutions

### EXECUTIVE SUMMARY

Over twenty years experience in the Information Technology industry. Projects performed on virtually all platforms (hardware and operating systems) in common use since 1975. This amounts to approximately thirty different operating systems and a similar number of programming / scripting languages or meta-languages. Tasks have ranged from analysis, design and programming to project management, business management as well as RFP and proposal writing and evaluation. Communications background covers legacy systems (async, SNA, SDLC, 2780 etc) as well as current Internet protocols and IP internals.

### EXPERTISE

**Main area of expertise:** Software design and development. Human Factors (visualization, useability). System development and operational cost analysis. Feasibility analyses, security issues, Server configuration and support.

**Relevant experience and interests:** Executive Information Systems. Statistical analysis, Appropriate technology, alternative energy, globalization, climate change. Effecting social change thru the Internet.

**Standards Groups:** ANSI X3H3 Committee on Computer Graphics  
Corporate Advisory Board on Computer Graphics Standards.

**Languages:** English, French

### EDUCATION

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University of Virginia: BA in Anthropology, 1970-1975.

University of Virginia: Special Student, Graduate studies in Computer Science, 1978.

AMS, USPDI: Courses in Project Management, Government Procurement, Government Contracting 1987-1992

Johns Hopkins, Applied Physics Laboratory: Training on Internet Protocols and internals, 1994.

University of Virginia, Global Studies Institute 1999 & 2000.

### CONTACT INFORMATION

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### PROFESSIONAL HISTORY

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**Hardcore Solutions, Falls Church, VA**

**1989-Present**

CEO, Provides system design assistance and programming services to a variety of private sector clients. HCS also provides web site configuration, administration and support services.

**Consulting Clients, 1989-Present**

Martin Weiss Research, West Palm Beach, FL

National Telecommunications Alliance, Washington, DC

Consultant, Lockheed Martin Corporate Headquarters, Bethesda, MD

Consulting Engineer, Loral Federal Systems, Beltsville, MD

Consulting Engineer, L.C.C. Technical Advance Systems, Arlington, VA

Sole Programmer/Designer etc US Patent and Trademark Office, Crystal City, VA

Consulting Engineer, Johns Hopkins University Applied Physics Lab, Laurel, MD.

Consultant and Project Manager for Government Computer News, Silver Spring, MD

Management Consultant for General Electric Information Services, Rockville, MD

Independent Contractor for The Telephone Connection, Rockville, MD..

**Positions, Prior to 1989**

Wedge Computers, Inc., Vice President, Consulting

Washington Consulting Group, Technical Director

Decision Resources Corporation, Technical Director