

**Rick Harris**

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(940) 320-9525

**Expert Software Developer  
Project Manager  
IT Guru/Executive**

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**Bachelor's and Master's degrees in Computer Science from Rice University** with additional undergraduate majors in **Managerial Studies** and **Mathematical Science**.

- 2012 - Present, Independent Consultant, Rick Harris, Inc.** - Specializing in mobile and web app development leveraging platforms as a service (PaaS), such as Google App Engine and/or Windows Azure.
- 2011 - 2013, IT/Project Manager, DC Contractors, Inc.** - Moved IT infrastructure to Google Apps for Domains. Project manager for Federal and State government construction contracts totaling over \$2.5M.
- 2004 - 2011, Chief Information Officer, Molinaro Koger, Inc.** - Formalized ad-hoc business processes with highly customized and integrated CRM, Document Repository, and Intranet/Extranet/Internet systems supporting over \$4B in hotel real estate transactions. Architect for fault tolerant IT infrastructure. Designed and developed Web 2.0 data-driven web app with JavaScript AJAX frontend and C#.NET web services.
- 2004, Senior Consultant, Microsoft Corporation's Communications Sector** - Dramatically improved performance of **Verizon's** internal real-time call management software by 10 fold in most cases and even over 100 fold in one scenario. Educated developers on thread pooling techniques and I/O completion ports.
- 2003 - 2004, Senior Software Developer, Texas Instrument's Educational and Productivity Solutions** - Collaboration software innovator for handheld devices resulting in two patent applications: [DN/20040114258](#) and [DN/20040041843](#). Developer of the MathBox and MathPalette for commercial desktop app, [TI Interactive!](#)
- 2000 - 2003, Chief Technology Officer, TimeBOOK.com** - Software architect for web service/site that provided a centralized shared calendar/booking system for individuals and businesses. Very first online site to provide side-by-side views of shared calendars with Windows CE/Mobile bi-directional calendar sync.
- 1997 - 2003, President and Owner, Harris Software, Inc.** - Principal software consultant/developer for a wide variety of challenging projects, resulting in commercial products, web sites, and/or intellectual property. Primary clients included: **Texas Instruments, Hewlett-Packard, Molinaro Koger, 7<sup>th</sup> Level, Stonebridge Technologies** and **New Realm Media Group**.
- 1995 - 2001, Author and Instructor, Clarity Learning** and other high-tech training firms like **HOT** - Authored and sold Java courseware. Delivered numerous public week long seminars covering almost all Microsoft development technologies. On-site training for **Diebold, Texas Instruments, and BAE Systems**.
- 1992 - 1996, Independent Consultant, COMSYS, Coopers & Lybrand, and Oxford & Associates** - Client engagements included: **SABRE Decision Technologies, Alcon Labs, and Ericsson Radio Systems**
- 1989 - 1992, Vice President and Principal Software Engineer, BPM Microsystems** - Instrumental in rapidly growing the company to a number two position in the device programmer market. Helped design and implement custom C/C++ compiler with dynamic linker and custom code generators.
- 1986 - 1989, Member of the Technical Staff, MITRE Corporation** - Developed AI based shuttle and space station software prototypes for NASA's Johnson Space Center. Received certificate of recognition from NASA for contributions as co-inventor of [U.S. Patent #4,965,743](#).
- 1986 - 1991, Adjunct Instructor, Rice University Computer Science Department** - First Rice instructor to design Comp 100 curriculum around the current business capabilities of Apple Mac software and to use the Mac 100% to deliver all course content, including interactive lectures and exams.

NOTE: a very detailed project oriented version of my resume is available upon request