

John N. Shahbazian

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Objective: An entry-level position in software development

Education:

Master of Science in Computer Science, University of South Florida December 2003
Master's Thesis: "Characterization and Generation of Streaming Video Traces"

Bachelor of Science in Computer Science, University of South Florida May 2001
Overall GPA: 3.39/4.0

Skills:

Languages: C/C++ (Visual Studio, Borland, gcc), .NET, SQL, Perl, Visual Basic, HTML
APIs: BSD Sockets, WinSock, Win32
Operating Systems: Windows 9X/NT/2K/XP, Solaris 2.x, Linux
Packages: Microsoft Visual Studio, Mathcad, Mathematica
Other: Basic computer hardware and software installation, maintenance, and troubleshooting skills

Projects:

Honors Thesis, Spring Semester 2001

Developed a peer-to-peer instant messaging program that used a novel distributed member directory. The program was written for Windows and Unix using C and both the BSD Sockets and WinSock APIs using Visual Studio.

Experience:

Graduate Assistant, September 2003 to Present

University of South Florida

Wrote technical documents for several software projects, including one for storing information about every room on the USF Tampa campus and another for controlling security access for all buildings on campus.

Research Assistant, August 2001 to August 2003

University of South Florida

Researcher for National Institute for Systems Test and Productivity at USF. Developed an algorithm for monitoring MPEG video with routers. Developed software tools for capturing, filtering, and monitoring TCP/IP packets. Researched new methods for creating autocorrelation in synthetic time series.

Software Developer, August 1996 to August 1997

Merry Mechanization, Inc., Englewood, FL

Developed management information systems, databases, and user interfaces for customer and company use. Worked in a small (6 person) development team using a proprietary language created by the company.

Honors and Organizations:

Golden Key National Honor Society, USF Honors College, active member of IEEE and ACM

Publications:

1. P. Ikkurthy, J. Shahbazian, M. Labrador, and K. Christensen, "Testing Large Scale Streaming Internet Applications over Wireless LANs," to appear in *IEEE International Symposium on High Assurance Systems Engineering* in March 2004.
2. J. Shahbazian and K. Christensen, "TSGen: A Tool for Modeling of Frame Loss in Streaming Video," to appear in the *International Journal of Network Management*.
3. J. Shahbazian and K. Christensen, "SNMP Counter for Distributed Monitoring of MPEG Video Quality," *IEE Electronics Letters*, Vol. 39, No. 1, pp. 166-168, January 9, 2003.

Miscellaneous:

US citizen by birth, willing to travel, willing to relocate.