

THOMAS C. VANIOTIS

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Technical Skills

SOFTWARE CONSTRUCTION TOOLS & METHODS

Agile, iterative, Scrum, CMM development methodologies
Manual and automated testing
Exploratory testing, session-based test management, context-driven testing
Mingle, Perforce, Teamtrack, Confluence
Eclipse, Toad, SQLDeveloper, NetBeans
Mac OS X, Windows, UNIX, Linux, Solaris

PROGRAMMING LANGUAGES

Python, Unix Shell (bash), SQL, WebLoad

SYSTEMS UNDER TEST

Java, JavaScript, C#, .NET, C++, Perl, Python, XML/XSLT
SmartSockets, FIX, Appia, Q, kdb, Control-M, distributed and middleware applications
ASP.NET, Apache, Tomcat, Oracle, Microsoft SQL Server, MySQL

Liquidnet Accomplishments

Designed and implemented a functional automated testing (AT) framework for kdb in Python
Designed and implemented performance test plans for a variety of internal and external web applications
Designed and implemented performance test plan for a real-time and historical market data store
Acted as QA lead for three major projects (tick database, market data conversion, and back-end upgrade for Asian trading)
Created and nurtured Exploratory Testing interest group at Liquidnet
Managed a full production-replica staging environment for company-wide and department-wide exploratory tests
Implemented and maintained hundreds of automated functional tests for desktop applications and back-end systems
Served on a small enterprise-wide Technology Center of Excellence for process and personnel improvement; set weekly agenda and report discussions to the CIO in weekly meetings and communicated with the full technology community
Rolled out global technology wiki for all Liquidnet technology staff

Introduced weekly “brain dump” meetings for information sharing within System Group
Tested a variety of systems across many functional areas using manual, exploratory, and automated techniques
Contributed numerous ideas to Liquidnet’s internal Innovation Forum

Continuing Education

SIGNIFICANT CONFERENCES/COURSEWORK

PyCon (<i>tutorials: functional web testing, introduction to py.test</i>)	2009
Workflows of the Buy-Side Trader (Financial Technologies Forum)	2008
Star East (<i>tutorials: session based test management, testing under the hood</i>)	2008
Rapid Software Testing (James Bach)	2008
Presenting Data and Information (Edward Tufte)	2007
Performance Load, and Stress Testing (Dale L. Perry of SQE)	2006
Software Test and Performance Conference	2006
Liquidnet University (<i>various leadership, negotiation, and productivity courses</i>)	2005

READING LIST

Periodicals: *Software Test & Performance, Better Software, Dr. Dobb's, The Wall Street Journal*
Books: *Thinking Like a Computer Scientist in Python, The Web Test Companion, Software Project Survival Guide, Metrics and Models in Software Quality Engineering, Lessons Learned in Software Testing, Getting things Done, Good to Great, The Visual Display of Quantitative Information*

PROFESSIONAL MEMBERSHIPS

Association for Software Testing (Financial Services SIG, Performance Testing SIG)

Employment History

System Test Analyst in Architecture (Liquidnet, New York, NY)	2008-
System Test Analyst in Quality Assurance (Liquidnet, New York, NY)	2004-2008
Quality Assurance Tester (Framework, Tarrytown, NY)	2003-2004
Software Developer - Summers (BCGI, Westbrook, ME)	1999-2003
Helpdesk Consultant & Team Lead - Academic Year (University of Rochester)	1998-2003

University of Rochester

Fellowship in Medieval Studies	2003
Bachelor of Arts <i>cum laude</i>	1998-2002
Major in Philosophy <i>with high distinction</i>	
Major in Music <i>with distinction</i>	

Coursework in Computer Science: programming (Java), data structures, discrete mathematics,
honors calculus
Additional coursework in political science, Latin, and French

References

References are available upon request.