

THOMAS C. VANIOTIS

ONLINERESUME@TVANIOTIS.NET
<http://www.tvaniotis.net/resume/>

LIQUIDNET, INC. *Liquidnet is a software company that provides an alternative trading platform for block trading by institutional investors. It uses Java, Python, and C++ technologies in a real-time, distributed client-server architecture. The QA department uses a customized Python-based Automated Testing system with unit-testing and model-based (oracle-based) capabilities.*
NEW YORK, NY

Quality Assurance Analyst

DEC 2004 – PRESENT

Responsibilities

- Developing and executing system (load and capacity) test plans
- Developing and documenting plans for testing production reports.
- Understanding and developing tests using the FIX equities exchange protocol.
- Writing Python-based unit tests.
- Writing fault tolerance tests.
- Data mining and analyzing raw information from market data providers.
- Documenting and reverse-engineering APIs of existing software.

FRAMEWORK, INC. *Framework, Inc. (now closed) was a wholly-owned subsidiary of Bank of America. It developed Lend Ware, an application for end-to-end loan fulfillment, used by two of the top ten mortgage banking institutions. The application includes a fully configurable scripting language, ConfigScript, a complex backend database and links to external application interfaces. It is built on XML, XSLT, JavaScript, Forte/UDS, and Java technologies. Its workflow component is WFMC-compliant.*
TARRYTOWN, NY

Quality Assurance Tester

AUG 2003 – DEC 2004

Responsibilities

- Executed manual test scripts for web-based, Windows-based, and SQL database interfaces.
- Developed and executed test plans for new features from functional specifications.
- Composed manual test scripts for acceptance, regression, and defect testing.
- Performed ad-hoc tests on new features and defects during acceptance testing.
- Represented QA department as a member of two feature teams (workflow and fees), made up of QA, developers, and business analysts.
- Tracked and entered issues using StarTeam defect tracking software.
- Reviewed results from WinRunner automated tests and provided support to automation engineers.
- Learned key features of the LendWare application and basic concepts in the mortgage banking industry.

Accomplishments

- Identified and filled gaps in the regression suite for the fee calculation feature in LendWare.
- Created a regression test suite for vendor management features.
- Created a new feature test suite based on the Functional Level Use Case for the service support site feature.
- Improved readability and completeness of the basic acceptance tests and prepared them for automation.
- Presented an evaluation of test case management software based on a survey of department needs.
- Identified usability issues in the workflow configuration software.
- Oversaw and consulted with the engineer automating regression and feature test scripts.
- Represented the QA department as a Functional Area Representative for the CMM Level II process improvement initiative.
- Independently studied LendWare's built-in ConfigScript programming language.

BCGI *BCGI is a Nasdaq-traded company headquartered in Woburn, MA. The Westbrook office develops Voyager, an application that processes raw cellular usage data, applies rating rules and produces bills. It also consists of a point-of-sale application and a web-based and thin-client front-end for customer service requests. The application is built on Sybase SQL, C/C++, and Cognos development tools.*
WESTBROOK, ME

Software Developer

SUMMERS 1999 – 2003

Responsibilities

- Designed and developed Windows-based user interfaces to Sybase database using Cognos Axiant.
- Designed and developed InstallShield applications for setup of products at client sites.
- Implemented and developed reports using PowerHouse 4GL and Cognos Impromptu software.
- Maintained and developed Unix shell scripts on HP-UX for batch data processing and internal process control.
- Executed and developed database mass updates using Sybase SQL Stored Procedures and PowerHouse 4GL.
- Developed a proof-of-concept JDBC application for a future Java-based version of the software.
- Interacted with customer representatives to gather specifications and answer questions.

Learned key features of the Voyager application and basic concepts in the wireless telecommunications billing industry.

UNIVERSITY OF
ROCHESTER
ROCHESTER, NY

Information Technology Services

SEP 1999 - MAY 2003

Assistant Night Shift Supervisor (2002 - 2003)

Managed a staff of 10 students via staff meetings, e-mail, and personal supervision.
Accepted five-day call responsibility via pager for 12 a.m. to 8 a.m. shift.

Helpdesk Consultant (1998 - 2003)

Supported students, faculty, and staff using university computing systems running Windows NT, 2000, XP, Mac OS X and 9, and Irix.

Provided hardware support and maintenance for Macintosh and PC systems in the University's computer labs.

Trained students, faculty, and staff on software including Microsoft Office (Access, Excel, PowerPoint, Word, Outlook), Java, SQL, Peachtree Accounting, PageMaker, Igor Engraver, FrontPage, Visio and Photoshop.

Bachelor of Arts *cum laude* (with dual major)

SEP 1999 - MAY 2003

Concentration with High Distinction in Philosophy

Specialized in relativism, epistemology, philosophical theology, aesthetics, and philosophy of mind.

Concentration with Distinction in Music

Specialized in conducting, musicology, piano, medieval music, and church music.

Awarded the Ward Woodbury prize, the music department's faculty honor.

Take Five Fellowship in Medieval Studies

Awarded a tuition-free fifth year of study for an interdisciplinary self-designed project including coursework in literature, history, art history, and music of the Middle Ages.

Computer Science Coursework

Completed courses in computer programming, data structures, calculus (honors analysis), and discrete math.

Additional Accomplishments

Directed and conducted the music program for the campus Catholic chapel. Acted as assistant conductor of the University Chamber Singers and Choir.

Inducted into Eta Sigma Phi, the national Latin and Greek honor society. Studied 5½ years of Latin, 5 years of French, ½ year of Greek.

Listed on Dean's List 8 times, and National Dean's list. Awarded Rush Rhees and National Merit Scholarships. Honored by the United States Senate Youth Program and studied 3 semesters of political science.

SELF-EMPLOYED

Part-Time Developer and Consultant

1997 - 2002

Recommended, purchased, and set up hardware and software for small business clients.

Repaired and upgraded PC and LAN hardware.

Designed and developed database applications in Access and Visual Basic.

Performed routine maintenance and troubleshooting on client machines.