

Thang Van Ung
 Boston, Massachusetts 02130
 504.975.0260
tvung@portalcron.com

Programming Languages

[Visual C++](#), C# .NET 2.0—4.0, WPF, XSL-FO, [SQL](#), T-SQL, PL-SQL,
 Visual Basic (V3—V6), Javascript, Cgi/Perl+CPAN/Php, Java, Html, Ansi C

Technologies

Windows NT/2005/XP, ASP.NET, Oracle, SQL Server 2008, Sql Server Reporting Services (SSRS), Crystal Reports, TCP/IP,
 SQL CLR, MySQL/DBI/UDF, Unix/Linux, AJAX, HTML5, MVVM, Web Service/API, XML/JSON Feed, COM, C++ (API)

Work Experience

August 2012 - November 2012	<p>Senior .NET Consultant Boston, MA 02110</p> <ul style="list-style-type: none"> Digitas.com, 33 Arch Street, 02110 <ul style="list-style-type: none"> Architected engine for the integration of CMS to Web content on Merrill Lynch account; extended customization development, in javascript and css, and deployment. Assessed and provided integration strategy on Cessna Account.
April 2012 - July 2012	<p>Senior Software Engineer, DebtX 133 Federal Street., 10th Floor Boston, MA 02110</p> <ul style="list-style-type: none"> Build and maintained web products using C#, classic ASP, XSLT, and JavaScript/JSON under MVC (model-view-controller) pattern. Back-end programming on SQL Server 2008r2 Created single batch on disaster recovery cutover; Created verification scripts for data integrity on disaster recovery
August 2011 - February 2012	<p>.Net Consultant. Linedata (6 months contract) Application Development System 260 Franklin Street, #1300 Boston, MA 02110</p> <ul style="list-style-type: none"> Customizations on Longview© trading system Created a framework in C# for implementation of Model-View-View-Model per WPF front-end. The inheritable MVVM framework cut costs and time to develop new user interfaces, and promotes smaller code. Table design and programming on SQL Server 2008r2
July 2010 - July 2011	<p>Conceptual Projects</p> <ul style="list-style-type: none"> Cross-domain interface host - a third-party web domain acts as a pure software layer, providing software between client's data and end-user's operation. The host maintains the software, so that neither the clients nor the end-users are required to house/install the software. Like the software, client's data is also exclusive to the client in that the data is never held at the host. A working demo, agfoforlando.com/jpage/wrapper-tree.htm, of a query interface, which are perpetually recreated for just about every products and have a tendency to be lacking in more complex rendering such as groupings. J.Detachable Cell Module - a "floating-block" editor for data grids. In an attempt to move away from the "in-place" and "pop-up" grid editors. The floating-block extends on the advantage of a spreadsheet editor to reference/compare cells that are not visibly adjacent to the active cell, by having the entire row is available for comparing. The block features drag-enable docking and cell wrapping (which accounts for the good feature in a "pop-up" editor). Products are customized by XML/XSLT formatted directives and CSS3.

Thang Van Ung
 Boston, Massachusetts 02130
 504.975.0260
tvung@portalcron.com

August 2007 -
 January 2010

Senior Developer. [Morningstar, Inc](#)
 Advisor Unit, Business Process Outsourcing (BPO)
 22 West Washington Street
 Chicago, IL 60602

- Initially worked on the Principia™, a desktop portfolio planner and FINRA approved reporting application, team. Created new modules for Principia™ using Visual Studio C++. Successfully merge newly acquired software, Portfolio Strategist, from Ibbotson into Principia as a value-added feature to Principia current subscribers as well as enticing Ibbotson Portfolio Strategist's subscribers onto Morningstar core desktop product. Lead on creating new module to handle Exchange-Traded Funds (ETF). Build multi-threaded "wrapper" control which saved excessive time required to customize the inextensible legacy control.
- Selected as a member on a new team for starting Morningstar's first asset management product due to my prior development with hedge fund administration product. Successfully designed, negotiated business rules, and implemented enterprise scale asset administrative (Data Hub™), a back office product, data implementation under MS SQL 2005. Architected a framework for clients customizations that are table driven for the back office product. Introduced SQL CLR functions for multiple file formats processing and cross-server execution. SQL CLR powered the SQL processes with regular expressions that established a "common language" for building flexible system of client customizations and import routines. Implemented web feed from SQL Server 2005. All customizations are embedded within SQL Server environment that allowed the development of the C# (frontend) web service to be a "thin" re-usable/generic construct.
- Created solution to synchronize sql servers' infrastructure, schema and procedures, across quality control, unit acceptance, and production databases for BPO back office product.

January 2006 -
 August 2007

Staff Developer. [Spectrum Global Fund Administration](#)
 33 West Monroe Street, Suite 1000
 Chicago, IL 60603

- Created User Interface and classes on VB6 and ASP.Net (C#) for the primary product Virtual Back Office (VBO), a Fund administration system that serviced portfolio, financial, and partnership accounting. The system is an integrated trade transaction, position valuation, and reporting software servicing hedge funds of various sizes.
- Managed and created SQL Server Stored Procedures for VBO.
- Built reports on Crystal (v8.5 & v11) and Reporting Service (MS SQL 2005).
- Acquired Financial (Hedge Fund administration) knowledge from support duties of VBO.

November 2001 –
 January 2006

Freelance Software Developer. **Self-employment**
[Baxter Health](#)

- Contracted to design, implement, and deliver a tracking and reporting system for medical product corrective actions (e.g., recalls, adjustments, etc.). The application and COMs I implemented in VB6 is driven by a database that I architected on Oracle 9i (rev9.2.0.5) platform. Integrated reports were developed in DHTML and XML. The software was successfully delivered within five months, including two months of beta use.

- [TFG](#)
- Contracted to design and implement a claims system using SQL Server 2000 back-end and frontend using Visual C++, DHTML, and Visual Basic (v6). Some middle-ware were created were (Safe) ATL COMs and NT Services.
 - Created several interoffice projects with MS Access 2000 back-end.
 - Created Web application with SQL Server back-end for internal reporting.

- [Rick Perez \(NEWSTRAN.COM\)](#)
- Created data conversion/extraction into formatted web pages using template with Visual C++.
 - Customized search (ICE) engine with perl front-end.

- [ROC Solutions \(Co-partnership\)](#)
- Created (multi-threaded) Java Applets which include image and mp3 audio manipulation and synchronization.
 - Create applet for displaying scrolling lists.

- Independent Projects**
- Develop [PortalCron™](#), a client/server software in C++, to remotely schedule data conversion software. Software is a work in progress.
 - Developed [KafeCron™](#), a C++ client/server software, to manage internet cafe billing. The server controls the default billing, real-time monitors the status of connected stations, and prints out a receipt when the user session ends. Software is currently in beta use.

April 2001 –
 November 2001

Senior Software Engineer. [Delta Security Technology](#)
 Stennis Space Center, MS 39529

Created API-based ActiveX container and dispatcher classes for non- MFC applications.

Thang Van Ung
 Boston, Massachusetts 02130
 504.975.0260
tvung@portalcron.com

August 2000 –
 April 2001

Developed smart card (ISO-7816) applications for multi-domain secured systems. The smart card utility was written in VB6. RS-232 was the communication port.
Application-Programmer. System Creations, Inc Metairie, LA 70001
Created software in Visual C++/MFC for NT applications, NT services, COM, and Windows CE; and Dynamic C for EEPROM on controller cards.
Worked on TCP/IP and RS-232 communications to integrate discrete software-hardware for Audio/Video system on VIP 747 jets.
Application-Programmer. g.c.r. & associates, inc. New Orleans, LA 70122
X-base/FoxPro 2.6: Coded and designed tables for Aviation Information Management System (AIMS). The system was a financial management consisted of data entry forms, data calculation, charting, and reporting functionalities..
VB4.5: Upgraded the AIMS to a non-serial GUI, Access 2.0 data store, and Crystal 7 reports.
Access97: Consolidated the AIMS into a database environment. Created a series of SQL boilerplate to import data from older version of AIMS and FAA's 5010 data structure.
VB6.0: Created a customized composite OCX from GeoMedia component system for loading various GIS data into a centralized interface. Lead programmer for Window Chemistry Data Management System (WinCDMS).
VB Script: Modularized scripts parsing disparate data source for import into WinCDMS. Coded client DHTML and ASP to import and interact with SQL Server via ADO.
ASP/Javascript: Created data entry and import pages to SQL Server.
C++: Wrote 16-bit API libraries as enhancements to VB and Access. The encapsulation handled data manipulation, extended COMs' functionality, provided hook functions for processing forms' data loading, tracking and saving user input. Upgraded to 32-bit with the addition of a mathematical expression evaluator to do ad-hoc calculations from disparate data within a database system. Customized type-library (TLB) to coordinate data transition and house constants and structs (user defined types). Created 2 ATL COMs (non-visual) -- extensions of the collection object and the log object.
SQL Server (v6.5 & v7): Designed and maintained via SQL Server Enterprise.
Unix: Administered Sun Solaris v3 on GIS projects.

March 1995 –
 August 2000

Thang Van Ung
Boston, Massachusetts 02130
504.975.0260
tvung@portalcron.com

Education

May 1994

Degree: **Bachelor of Science**
Major: **Computer Science**
Minor: **Psychology**
Courses: **Object Oriented Programming (C++ / ObjectiveC)**
Artificial Intelligence
Operating System
Database System
University of New Orleans
New Orleans, Louisiana 70148