

Andrew Frank
Elenchus Research Associates

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Andrew Frank has 8 years experience across the energy, financial services, and high tech industries. He is experienced in software development, data warehousing / data mining, and decision analysis. Andrew has considerable experience in organizational change and managing stakeholder issues gained during the Manulife and John Hancock integration. Andrew held lead roles on several high profile projects integrating applications and databases along with process changes to accommodate Section 5970 and SOX.

Since joining ERA, Andrew has been engaged in distribution rate design issues. He has conducted cost allocation modeling and performed stability analysis for rate applications. He has contributed to the OEB's rate design project, performing analysis on the impact of various proposed rate structures. In addition to his consulting responsibilities, Andrew is responsible for the continued development and ongoing support of new and existing ERA applications, including ERA WebComm, RateMaker, and RateFiles. Andrew holds an MBA with a concentration in accounting (Wilfrid Laurier University), and a Bachelor of Mathematics in Computer Science (University of Waterloo).

EXPERIENCE

Elenchus Research Associates Consultant

October 2008 – Present

- Consulting in the areas of cost allocation modeling, and stability analysis
- Contributed to the OEB's rate design project by analyzing impacts of various proposed rate structures
- Develop new ERA applications, and support existing applications including ERA WebComm, RateMaker, and RateFiles
- Perform internally focused software development and IT support

**Manulife Financial
Systems Designer**

February 2003 – October 2008

- Supported Flexible Benefits Online Enrollment
 - Performed customizations of the re-enrollment site to satisfy customer's requirements
 - Coordinated the build and deployment to production environment with outside vendor
- Supported growth of a world class financial services leader in the Group Benefits area
- Enhanced Clients II, an Z/OS mainframe claims processing application
 - Updates to satisfy needs of corporate clients, new legislation requirements, and new treatments
 - Reduced costs by decreasing the frequency of on-call incidents and improving code efficiency
- Created a C# ASP.NET interface between a DB2 / Z/OS data warehouse, and a fraud detection and pricing tool which uses SQL Server
- Added support for new 7-digit contracts to SQL server stored procedures and a Delphi Application

**IBM Canada Ltd.
DB2 UDB Optimizer Performance Tester**

**May – August 2001
September – December 2000**

- Maintained and extended SQLVALID, a performance measurement tool.
 - Introduced centralized database logging of results utilizing the DB2 Call Level Interface (CLI)
 - Ported existing code to the CLI from Embedded SQL for consistency and to eliminate the need for pre-compiling and binding
 - Automated output of all test results into a single postscript file for easy printing and comparison
- Maintained and extended a Perl database generation tool
- Used SQLVALID to perform tests on AIX and NT Server

**Portfolio Analytics, Toronto
(now Morningstar Canada)
Programmer / Analyst**

**May – August 1999
January – April 1998
Summer 1997**

- Redesigned and wrote the client management system with a team of three software developers
 - Designed a new relational table structure for more flexible and efficient reporting.
 - Administered the SQL Server, selecting appropriate indexes, writing and scheduling maintenance scripts, and implementing appropriate security rules
 - Minimized network traffic and CPU usage and increased flexibility using stored procedures
 - Interfaced with users from every department covering all aspects of the business to assess their needs, incorporate time saving features into the system, and train users on the system

**RAM Computer, Toronto
Programmer / Analyst**

August – December 1998

- Facilitated the migration of localized, outdated accounting and inventory management systems to new centralized, integrated office management systems that greatly increased functionality.
- Improved office efficiency by developing a system for accurately calculating shipping charges, introducing several automated forms and maintaining the company web site.

EDUCATION

Wilfrid Laurier University

Graduated June 2007

- Master of Business Administration
- Concentration in Accounting – Qualify for advanced standing in the CMA Program
- Part-Time program

University of Waterloo

Graduated 2002

- Bachelor of Mathematics in Honours Computer Science / Information Systems – Co-operative Program
- Information Systems option earned including 9 Economics courses
- Received outstanding evaluations from every employer