

Bryan Liu

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OBJECTIVE:

A detail oriented business analyst with skills in programming, analysis, and reporting looking for a co-op position where I can gain experience and contribute to business initiatives

EDUCATION

University of Waterloo, Kitchener Ontario

Honors Mathematics Co-op Program

2011-Present

- Management Information Systems
 - Computer Applications in Business: Databases
 - Understanding the Business Environment
 - Developed and presented the business plan for a private hospital
 - Functional Areas of the Organization
 - Introduction to Optimization
 - Solved multi-variable optimization problems with business models
 - Communication in Mathematics & Computer Science
 - Wrote technical research papers about current technologies
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PROFESSIONAL EXPERIENCE

TD Securities

Jan 2014 – Aug 2014

Market Risk IT Business Analyst

- Received performance rating “Outstanding” for significant contribution to a large-scale IT risk project:
 - Implemented seven financial products into internal risk system for generation of VaR
 - Wrote and maintained high-level requirement specifications for intricate system processes
 - Applied previous system knowledge and expertise to propose potential issues and solutions
 - Communicated with business and technology stakeholders to resolve project obstacles
 - Prepared and carried out positive and negative test cases for changes in DEV, UAT, and PROD
 - Ensured the compatibility of new system processes with existing risk system infrastructure
- Performed “Backward Engineering” of legacy code and documented its functionality
- Spearheaded testing of source data changes involving process re-runs, back-testing, and error-handling
- Coordinated the migration of code from decommissioned systems to active systems

TD Securities

May 2013 – Aug 2013

Market Risk IT Business Analyst

- Responsible for various new projects and initiatives in Market Risk Systems Development
- Worked closely with other groups as well as external partners to define business requirements
- Communicated on a regular basis with developers in order to deliver quality IT solutions and meet business deadlines
- Applied technical skills and knowledge to discover and investigate system errors

- Completed various ad-hoc tasks and analysis for back, middle, and front-office operations

TD Securities

Sep 2012 – Dec 2012

IT Business Analyst

- Use of problem solving skills to apply broad infrastructure changes to 200+ clients in an enterprise environment
 - Applied programming skills to develop VBA Macro which automates ~45 minutes of manual work daily
 - Developed, documented, and applied an attestation procedure for a Major Risk application to meet new audit requirements
 - Administered user access privileges and provided technical support for various systems
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SKILLS AND ABILITIES

- Strong analytical and problem solving skills
 - Proficient programmer in Java, JavaScript, HTML, and VBA
 - Adept user of Microsoft Software including Word, Excel, Access, and Power Point
 - Experienced with UNIX and LINUX operating systems
 - Ability to pick up software and programming languages quickly
 - Great contributor in a team-oriented work environment
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AWARDS & SCHOLARSHIPS

- University of Waterloo – **Merit Scholarship**
 - Bur Oak Secondary School – **Ontario Scholar 2008-2011**
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HOBBIES

- Photography, Graphic Design, Playing Piano, Tennis, Skating and Visual Arts
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REFERENCES AVAILABLE UPON REQUEST