Raymond Li

✉ ruhanli168@gmail.com   🔗 ruhan-li
📞 (647) 677-2181   🏠 Toronto, ON

Core Competencies and Skills

- SQL, Microsoft Excel, VBA, Batch: Highly proficient through previous work experiences and personal hobbies
- Java, Python, C, Unix, Git, R, Tableau, ETL processes: Trained through coursework, work experience, and projects
- Business/Data Analytics and Data Mining/Modeling: Theoretical and practical experience from courses and projects
- Strong critical thinking skills, highly detail-oriented with experience in problem solving and business analysis

Work Experience

BMO Capital Markets
📍 Toronto, ON
Business Systems Analyst II
🕐 May 2022 — Present

- Co-led Treasury Technology department in successfully transferring over data from acquisition of Bank of the West
- Implemented engineering processes in gathering functional and non-functional specifications and requirements from product and engineering teams; drafted business requirements documents given info
- Developed test strategy documents, clearly emphasizing important testing objectives and plans for all stakeholders
- Executed SQL queries to validate test results, perform data lineage exercises, and raise any new defects to be fixed
- Collaborated closely with upper management, engineering teams, and project managers to deliver project milestones

CIBC Capital Markets
📍 Toronto, ON
Consultant, Business Systems Analysis
🕐 Jul 2020 — May 2022

- Communicated with stakeholders and prepared detailed presentations for upper management regarding various testing results, using a combination of Excel and Tableau for effective data visualization
- Acted as Treasury lead in gathering requirements and analyzing impacts of worldwide IBOR transition initiative
- Constructed workflow diagrams and project specification wikis in preparation for company-wide strategy changes
- Led effort in transitioning existing processes from Batch runs to automated risk reporting system, reducing middle office workload by over 600 hours every year
- Coordinated fulfillment of urgent business requests, setting clear timelines and expectations to align team vision
- Investigated and analyzed issues using SQL and Excel, using the results of these analyses to provide suggestions for next steps and presentations using Tableau and other ETL tools
- Recognized as a 2021 Q4 Top Performer out of over 5000 employees; received consistently high quarterly ratings

CIBC Capital Markets
📍 Toronto, ON
Business Systems Analyst
🕐 May 2019 — Aug 2019

- Performed daily reconciliations for system migration purposes through identifying, analyzing, and correcting large trade breaks, communicated with control teams to provide solutions and insights
- Led research and creation of POC for APIs for sourcing and matching company information with client records, ensuring data accuracy for over 15 000 company records
- Maintained and managed internal trades database for generation of crucial reconciliation reports for middle office
- Reduced time required for reconciliation process by over 87% through development of VBA scripts

CIBC Capital Markets
📍 Toronto, ON
Intermediate Business Systems Analyst
🕐 May 2018 — Aug 2018

- Optimized, rewrote, and documented VB code used by traders for faster generation of necessary reports and data
- Programmed VB and batch scripts in conjunction with SQLite to create automated reports required by middle office

TD Securities | TD Bank Group
📍 Toronto, ON
IT Business Analyst
🕐 Sep 2017 — Dec 2017

- Developed and ran ad hoc SQL queries to generate reports, extract data, and establish data accuracy

Baskin Wealth Management
📍 Toronto, ON
Data Analyst
🕐 Jan 2017 — May 2017

- Provided firm with critical data by developing SQL scripts and Excel macros to extract data from multiple sources

Education

Master of Business Administration - Data Analytics Emphasis
🕐 Sept 2021 — Present
University of Toronto Rotman
📍 Toronto, ON

Bachelor of Mathematics with Business Specialization
🕐 May 2020
University of Waterloo
📍 Waterloo, ON

Analytical Techniques for Business Specialization
🕐 Nov 2017
Duke University
📍 Online

Projects

NHL Advanced Stats Database
`</>` Python, Excel, SQL, R

- Developed fantasy baseball database system, scraping data from various online sources (i.e. **BaseballReference**)
- Implemented **BeautifulSoup**, **pandas**, and **Selenium** modules for ease of access and data manipulation
- Created personalized measurements to deviate from traditional statistics to adjust for fantasy point systems