RAYMOND LI

Mississauga, ON **|** (647) 677-2181 **|** ruhan.li@uwaterloo.ca

CORE COMPETENCIES AND SKILLS

- SQL, Microsoft Excel, VBA, VB Script, Batch: Highly proficient through previous work experiences and projects
- Java, Python, C, Unix, Git, R: Trained through extensive coursework and personal projects
- Business Analytics and Data Modeling: Theoretical and practical experience from online courses

EXPERIENCE

CIBC CAPITAL MARKETS

BUSINESS SYSTEMS ANALYST | TORONTO, ON   MAY. 2019 – AUG. 2019

- Performed daily Cash, Mark to Market, and Delta reconciliations for system migration purposes by means of identifying, analyzing, and correcting large trade breaks
- Reduced time required for reconciliation process by over 87% through development of VBA scripts
- Prepared SQL scripts to grab essential data necessary for reconciliation and investigation purposes
- Reported errors in bond setups and prices through daily checks
- Led research of and creation of POC for API's for sourcing and matching company LEI's with client records, ensuring data accuracy for over 15 000 company records
- Maintained internal trades database for generation of crucial reconciliation reports for middle office

INTERMEDIATE BUSINESS SYSTEMS ANALYST | TORONTO, ON   MAY. 2018 – AUG. 2018

- Optimized, rewrote, and documented VB code used by traders for faster generation of necessary reports and data
- Investigated issues with Canadian Mortgage Bonds and prepared reports for managers and traders
- Programmed VB and batch scripts in conjunction with SQL through SQLite for automated preparation of reports required by middle office
- Investigated and fixed breaks in trades due to system migration

TD SECURITIES | TD BANK GROUP

IT BUSINESS ANALYST | TORONTO, ON   SEP. 2017 – DEC. 2017

- Strong familiarity with Calypso Aggregator, Cash, and Derivatives and MarkitWire
- Developed and ran SQL queries to generate reports, extract data, and establish data accuracy
- Constructed risk analyses, book setups, scheduled tasks, and report templates according to requests from front office
- Developed familiarity with various derivatives including options, forward contracts, and futures

BASKIN WEALTH MANAGEMENT | DATA ANALYST

DATA ANALYST | TORONTO, ON   JAN. 2017 – MAY 2017

- Ensured 99% data accuracy by maintaining and updating company database
- Eliminated errors by reconciling database records to match bank records
- Generated reports for client portfolios by interpreting data and analyzing results
- Provided firm with critical data by developing SQL scripts and Excel macros to extract data from multiple sources

EDUCATION

UNIVERSITY OF WATERLOO, WATERLOO, ON

CANDIDATE FOR BACHELOR OF MATHEMATICS WITH BUSINESS SPECIALIZATION   EST. 2020
RELEVANT COURSES: CORPORATE FINANCE, MANAGERIAL FINANCE, GLOBAL FINANCIAL MARKET, BUSINESS IN NORTH AMERICA, COMPUTER APPLICATIONS IN BUSINESS: DATABASES, MANAGEMENT INFORMATION SYSTEMS

DUKE UNIVERSITY, ONLINE, COURSERA

EXCEL TO SQL: ANALYTIC TECHNIQUES FOR BUSINESS SPECIALIZATION   NOV. 2017
RELEVANT COURSES: MANAGING BIG DATA WITH MYSQL, MASTERING DATA ANALYSIS IN EXCEL

PERSONAL PROJECTS

NHL ADVANCED STATS DATABASE | PYTHON, EXCEL, SQL, & R   JAN. 2019

- Developed functioning program to grab advanced stat data from Corsica.Hockey daily and store it within local database
- Used R and Microsoft Excel to model data of interest and predict trends for fantasy hockey purposes

MARKET DATA ANALYSIS | PYTHON & SQL   NOV. 2018

- Created program to track and visualize trends of stocks of interest using *pandas* package
- Tracked stock moving averages, adjusted returns, and various industry benchmarks