

# Jumana Bahrainwala

5A BBA(option in Finance)/BMath(CS minor)

jzbahrai@uwaterloo.ca

(226)8682149

think/ learn/ analyze

Interested in fulltime positions in Technology and Data Analytics

## EXPERIENCE

### SCOTIABANK

#### GLOBAL BANKING AND MARKETS

Sept – Dec 2014

#### Data Scientist

- Design and develop analytic tools to be used by traders and sales staff to manage capital funding and balance sheet usage.
- Developed a web application on Tableau to visualize metadata, identify reverse & forward dependencies, and track changes made to data pipelines using Bash, Python, MySQL, django.

### CI INVESTMENTS

#### SIGNATURE GROUP BOND DESK

Jan – April 2014

#### Financial Analyst

- Developed fixed income valuation models and trading tools for quick analysis of financial information using Excel, Bloomberg; optimized analytical attribution models for performance data. Qualitatively analyzed FX products in the market
- Actively managed portfolio's performance based on Canada curve, duration and economic activity in the market. Studied trading strategies in regards to money market securities and Bank of Canada directives using asset swaps.

### DOMINION BOND

#### RATING SERVICES (DBRS)

Jan –April 2013

#### Junior Financial Analyst

- Analyzed debt structure of oil and gas companies and published DBRS issued industry studies
- Spearheaded financial profiling of companies and helped establish rating methodology for Commercial Mortgage Backed

### INDEPENDENT

#### ELECTRICITY SYSTEMS OPERATOR

Jan – April 2012

#### Assistant Market Analyst

- Developed monitoring programs to access the Ontario Electricity Market, used electricity pricing models to detect anomalies in the market
- Tested hypotheses using simulation tools and started an in depth investigation regarding a market anomaly costing consumers

## ABILITIES

### Programming

Python, Java, C, Scheme, Bash

### Business Applications

Hyperion, Tableau, SQL, Bloomberg, Excel VBA, Axiom, OPL, MATLAB, DB2, R, Office

### Operating Systems

Ubuntu, MS Windows XP/Vista/7, Mac OS X

### Effective Leader and Communicator

Laurier Novice Debate Champions( McGill Debate Conference), Double Degree Club Executive Team, Second Place in BDO New Venture Competition (1200 students), Semi-finalist in Integrated Ice Consulting Competition (400 students). Outstanding employee for consecutive terms

## EDUCATION

Candidate for BMath and BBA with a minor in Computer Science and major in Finance from University of Waterloo and Wilfrid Laurier

President's Entrance Scholarship, Dean's Honors List (2011)

## ACTIVITIES / PROJECTS

I am an active member of the **UW Dragon Boat Club** and have attended various regattas with them. I enjoy debating and speaking about current affairs through the **UW Model UN Club** and **Laurier Debating Society**. I have volunteered as a councillor for the **Math Endowment Fund** and made funding decisions. I **tutor students** in Computer Science. I enjoy rock climbing and travelling. I read the Economist, Foreign Affairs, Time, Wired, Fantasy novels and tech news in my free time.