**EDUCATION**

**Wilfrid Laurier University**, *Waterloo, ON*

* Candidate for BBA & BS, Major 1: Computer Science, Major 2: Business Administration
* Awards: Wilfred Laurier Entrance Scholarship, President’s Gold Scholarship (6.4%)
* Programming Skills: VBA, SQL/SQL Server, Python, Java, TypeScript, JavaScript, HTML, C/C++, SAP, CSS, Ionic Framework, Jupyter Notebook, Swift(iOS Programming)

**Online courses for GARP FRM (Financial Risk Manager) Certification**, *Golden Finance Ltd*.

**INTERNSHIP EXPERIENCE**

**Supply Chain Analyst***,*

Performed data cleaning for the various data of warehouses retrieved from VENA Solution ETL system

* Built up data warehouse with SQL Server and organized the relationship between database tables; improved the efficiency by reducing the query processing time from 3 mins to 30-40 seconds
* Visualized and automated the data using Power BI to provide Financial Result report and labor matrices report

**Business Analyst/Project Associate–Network Team***,* Monitored, tracked and managed agile projects such as WAN (Wide Area Network) equipment establishment using automated Excel documents; provided updates to operation team and reported to operation manager

* Coordinated projects and helped to test the network service equipment
* Wrote a report comparing platforms for WAN optimization; communicated the new processes with colleagues

**Accounting Analyst,**

* Provided process automation and solution development support to high-profile initiatives of the entire company
* Prepared daily and monthly production and cash collection reports for treasury and manufacturing teams
* Handled SOX compliance, cash flow management, issuing payment/invoice to vendors, preparing P&L report and material costing, investigated and validated data throughout SAP platform and uploaded journal entries

**Business Analyst – Data Analyst**,

* Streamlined Bloomberg up/downloading process by establishing data validation checks to ensure data integrity
* Collaborated closely with Business Analysts by identifying historical pricing issues of investment portfolio
* Standardized various internal data transfer and reconciliation processes by creating process documentations
* Integrated SharePoint workflows and automated service call processing by implementing VBA macro with SQL embedded to allow systemic update to data warehouse

**ACADEMIC PROJECTS**

**“MyTASpace” – A learning Management System**

* Developed a mobile APP for D2L Brightspace to help teaching assistants process course information including assignments and exam grades in School’s database; coded by Typescript, HTML, CSS and JavaScript

**BMI Calculator Application**

* Developed an automated VBA solution to upload daily nutrition information of users into MS Access database
* Created data retrieval and report generation with visualization using a combination of VBA and SQL

**“One Touch Heat” Thermo Gloves – New Venture Project**

* Designed a product featuring smart gloves with temperature control using Bluetooth for winter athletes
* Went through the business model development, made market research and presentation to angel investors

**“Kik Messenger” Real–life Consulting Case,** *Won the 3rd Place (17%)*

* Investigated the annual report of Kik Messenger Group and consulted their performance
* Provided real-life business solutions to improve their customers’ awareness
* Made a presentation to the CEO of Kik Messenger group and several mangers from other companies in contest