

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 managers from other companies in contest
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