Laura Dobson

Management Engineer

E-Mail: Idobson@uwaterloo.ca • GitHub: lauradobson.github.io 2377 Rideau Drive ● Oakville, Ontario, L6H 7J8 ● Phone: 519-807-9747

Technical Proficiencies

- Microsoft Office Suite (Word, Excel, PowerPoint, Visio)
- Object-Oriented Programming in C#, VBA, PHP
- PL/SQL, MySQL
- Oracle, SAP

- HTML, CSS
- GAMS, SolverStudio
- R Project for Statistical Computing, Minitab
- **AutoDesk Inventor Professional**

Experience

Deloitte.

Deloitte LLP May – August 2016 **Business Technology Analyst** Toronto, Ontario

Achieved a University of Waterloo co-operative rating of **Outstanding**

- Successfully developed multiple data interfaces to transfer a client's data from a in-house ERP system to a Cloud ERP
- Optimized the Extract, Transform, Load (ETL) process by analyzing and improving the run-time of the interfaces Ensured data integrity through thorough validation procedures that consisted of heavy exception and error handling

Imperial Oil Limited

Pricing and Logistics Analyst

September – December 2015 Calgary, Alberta



- Achieved a University of Waterloo co-operative rating of Outstanding
- Developed a pricing model for marine fuel based upon a statistical analysis, eliminating the risk of financial loss
- Implemented process efficiency tools that reduced the risk of financial exposure across multiple business units
- Improved the efficiency of the current Cap & Trade pricing process in Quebec and Ontario

Suncor Energy Inc.

January – April 2015

Business Process Management

Calgary, Alberta

- Achieved a University of Waterloo co-operative rating of Outstanding
- Managed an open-pit mine project with regards to technology through the main tasks of budgeting and scheduling
- Validated gathered data from stakeholders to the business by presenting the data to all levels of seniority
- Extensively utilized Excel by creating a model supported by a database to analyze the gathered data

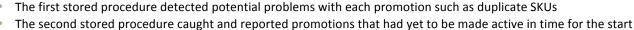
Indigo Books & Music Inc.

May - August 2014

IT Specialist

Toronto, Ontario

Improved the efficiency and reduced the financial risk of the promotion process by developing stored procedures



Managed over 400 promotions through relational databases that were sent to multiple formats of stores





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Education

University of Waterloo

September 2013 – Present

Candidate for Bachelor of Applied Sciences

Management Engineering - Cooperative Program

- Term Dean's Honours List
- Academically ranked within the top 10 students of the 2018 Management Engineering Class
- Completed 4 out of 8 academic terms
- Completed 4 out of 6 work terms; available for 4 months beginning January 2017

Summary of Qualifications

- Data driven with strong analytical and problem-solving skills to identify trends and draw insights from data by utilizing statistical tests and forecasting models
- Ability to simplify complex problems and optimize processes in order to increase efficiency in multiple ways
- Strong communication and interpersonal skills, with the ability to work efficiently and effectively in teams
- Exemplary ability to proactively work independently while maintaining a strong work ethic and high motivation
- Ability to work well under pressure, prioritize multiple projects and solve unforeseen problems in professional settings
- Ability to maintain a very strong attention to detail while working in a fast-paced environment

Extracurricular Activities and Awards

Institute of Industrial Engineers Canadian Student Conference

January 2016

Delegate

Attended multiple workshops, competitions and keynote presentations that provided valuable insight on industrial engineering

Best Database Reward July 2015

Competitor

 Placed 2nd overall in a competition where I designed and implemented a PHP web application utilizing HTML, CSS and JavaScript supported by a database in SQL receiving a grade of 100%

University of Waterloo Engineering Consulting Competition

June 2015

Competitor

 Placed 2nd in a case competition by creating a detailed solution explained through a report and presentation within a five hour time limit

University of Calgary's Energy Bowl Competition

February 2015

Competitor

Placed 3rd overall in a National competition regarding the history and logistics of the oil industry within Canada