

## Education

**The University of Western Ontario, Ivey Business School**  
**Graduate Diploma in Accounting**  
**Honours Business Administration**

**London, Ontario**  
2020  
2015 – 2020

## Awards and Coursework

- **Awards:** 1<sup>st</sup> place at Western Global Health Case Competition 2018 | Western's Scholarship for Excellence 2015 | Rotary Club Community Scholarship 2015 | Beacon Community Scholarships 2015 | BC Hydro Scholarship 2015
- **Relevant Coursework:** Introduction to Data Science, Database Management, Decision Making with Analytics, Multivariable Calculus, Statistics, Linear Algebra, Project Management, Leveraging Information Technology
- **Online/Distance Coursework:** Introduction to Computer Science and Programming Using Python, The Complete Data Structures and Algorithms Course in Python

## Work Experience

### Iron Mountain

*Marketing Analyst*

**Toronto, Ontario**

May 2019 – September 2019

- Designed a new webpage for marketing content by using HTML and CSS after collecting feedback on the current website's usability from the sales team; applied metadata to tag content appropriately, resulting in an over 20% increase in search results of content.
- Implemented VBA to model a comprehensive total cost of outsourcing (TCO) savings business case tool for entire company portfolio of solutions in excel; helped clients realize savings by over 15%.

### The University of Western Ontario, Biochemistry Lab

*Undergraduate Researcher*

**London, Ontario**

September 2016 – December 2018

- Evaluated the efficacy of the mutations by creating a proposal, testing the proposal while keeping all but one factor constant, and comparing against a benchmark, like test-driven development in computer science.
- Analyzed research on 30+ mutagenesis studies conducted by experts to create a proposal; resulted in the desired outcome of two stable mutations.

## Projects

### League of Innovators

*Accelerator*

**Vancouver, British Columbia**

October 2020 – November 2020

- Ideated, developed, and pitched idea for Docdoor, a healthcare venture system for referrals between physicians, surgeons, and patients; successfully accepted in the League of Innovators accelerator.
- Talked to 30+ stakeholders (patients, doctors, and mentors in healthcare) over two months; developed a deeper understanding of problem and validated that 12/17 patients faced challenges with the referral process.

### Introduction to Data Science

*Coursework*

**London, Ontario**

September 2019 – December 2019

- Utilized kappa coefficient and confusion matrix cross validation methods on random forest model using original dataset; obtained a Kappa coefficient of 0.85, indicating performance could be improved to predict a pulsar star.
- Implemented SMOTE and ROSE functions to solve class imbalance problem in dataset; designed a predictive model on data that was not skewed and successfully obtained misclassification rates that were lower.
- Recommended the gradient boosting model to predict pulsar stars with balanced dataset after testing against random forest and logistic regression models.

## Skills Summary

- **Languages:** Python, R, SQL, HTML, CSS and VBA
- **Data Science Models:** Regression, Simulation, Optimization, Decision Trees, Clustering, Gradient Boosting, K-Nearest Neighbours, Support Vector Machine, Natural Language Processing, and Neural Networks
- **Technologies:** Tableau, Figma, Alteryx, Bloomberg and Microsoft Excel

## Interests

Foreign Culture • Tennis • Food • Trivia • Helping women succeed • [Volunteering](#)