

# Isaak Mele

## EDUCATION

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### Rotman School of Management & Department of Economics, University of Toronto

Toronto, Ontario

*Master of Financial Economics*

*Jul 2022 – Dec 2023*

– **Awards:** Master of Financial Economics Entrance Scholarship (\$6,000)

– **Upcoming Relevant Courses:** Options and Futures; Corporate Financing II; Econometrics; Microeconomics; Financial Economics

### University of Guelph

Guelph, Ontario

*Bachelor of Science Major in Biological and Pharmaceutical Chemistry, Minor in Business Economics*

*Sep 2015 – Apr 2020*

– **Academics:** cGPA 3.56/4.0

– **Awards:** Graduated with Distinction

– **Relevant Courses:** Investments (A+); Introduction to Econometrics (A+); Financial Econometrics (A); Advanced Microeconomics (A); Advanced Macroeconomics (A+); Statistics I (A); Theory of Finance (A+); Management Accounting (A+)

## INDUSTRY CERTIFICATIONS

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– CFA Level I

2021

– Corporate Finance Institute: Financial Modelling & Valuation Analyst (FMVA) (In Progress)

2022

## PROFESSIONAL EXPERIENCE

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### SLC Management

Waterloo, Ontario

*Senior Associate – Financial Planning and Analysis*

*Feb 2021 – Jun 2022*

- Analyzed fixed income assets under management (AUM) and fee income; submitted the Quarterly Business Review to the C-suite
- Created monthly Tableau reports on fixed income asset performance and sales; presented to senior management for business outlook
- Projected AUM, sales, and fee income for the Fixed Income Business Plan (2022) and Strategic Plan (2023 – 2026)
- Analyzed AUM and capital raised to create visuals and commentary for Investor Day
- Utilized Tidemark to forecast fixed income AUM, sales, and fee income on a monthly basis
- Recipient of the 2021 CEO's Award of Excellence for contributions made to Investor Day

### Sun Life Financial

Toronto, Ontario

*Application Developer – Data and Analytics*

*Apr 2020 – Feb 2021*

- Used Python to produce multiple classification models for predicting policy claim denial
- Deployed an XGBoost model on AWS SageMaker for the Claims Risk Management team; improved the claim adjudication process with the potential to save ~\$7m over the course of 6 years from using the model to detect suspicious claims
- Established 16 key performance metrics for cross-country insurance policy analysis (2009-2021)
- Created a Dash application to quantify pain points related to the organization, management, and resources

### Sun Life Financial

Toronto, Ontario

*Data and Analytics Technology Intern – Data Science and Analytics*

*May 2019 – Aug 2019*

- Analyzed third party data on US Group Insurance information to create metrics used to compare Sun Life's performance to the market
- Used Python to generate market penetration and product move rates; presented in Tableau to show opportunities to senior management
- Worked on data cleaning and preprocessing of a dataset that had over 1m rows and 120 variables using Python

## ACADEMIC EXPERIENCE

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### University of Guelph

Guelph, Ontario

*Undergraduate Research Project – Department of Chemistry*

*Sep 2018 – Apr 2019*

- Investigated the regioselectivity of ruthenium-catalyzed [2+2+2] bis-homo-Diels-Alder cycloaddition reactions
- Performed bis-homo-Diels-Alder cycloaddition reactions between 1-substituted-1,5-cyclooctadienes with various alkynes
- Used distillation and flash column chromatography techniques to purify chemical compounds and separate out by-products
- Characterized novel compounds using various NMR techniques (HNMR, CNMR, 2D-NMR) and infrared spectroscopy

## PERSONAL

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– **Technical skills:** Python, RStudio, SQL, Excel, Tableau, PowerPoint, Dash

– **Citizenships:** Canadian and Slovenian

– **Interests:** Golf, No-Limit Texas Hold'em & Heads-Up Hold'em, Weightlifting