

# Michal Malyska

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## Education

### University of Toronto

2015–2019

*Statistics Specialist - 4.0 GPA in STA courses*

◦ Teaching Assistant - Statistical Methods for Machine Learning (STA314) - Fall 2018, Data Analysis II (STA303)- Spring 2019

## Work Experience

### Deloitte - Actuarial, Rewards & Analytics

Toronto, Canada

*Actuarial Analyst*

January 2018-August 2018

- Worked client-site on business analytics, loss forecasting, and predictive modelling for a large insurance client
- Co-authored a publication for the Canadian Institute of Actuaries on the state of predictive analytics in the insurance industry
- Worked for a large public sector client developing an overview of internal and external data, and analytical tools

### Intact Financial - Belairdirect

Toronto, Canada

*Actuarial Analyst Intern*

Summer 2017

- Authored an efficient algorithm enabling the company to analyze the inforce business at different points in time
- Took part in preparation and submission of regulatory rate filings
- Worked on developing and validating benchmark pricing models

## Extracurricular Experience

### Actuarial Students National Association

Toronto, Canada

*VP Case Competition 2019, Director Of Events 2018, Director Of Operations 2017*

May 2016–Present

- Developed the technical challenge for the ASNA 2019 Case Competition
- Directed the proceedings of the ASNA 2017 and 2018 Conferences
- Managed a team of 60 volunteers

### Statistical Sciences Union

University of Toronto

*President*

October 2016–April 2017

- Planned and coordinated academic and social events for undergraduate students in statistics and actuarial science
- Handled administrative and operational aspects of running a course union with 3000+ members
- Established and maintained relations with research institutes, industry, and the department

## Professional Skills

**Programming:** Python, R, VBA, SQL, SAS

**Languages:** Polish (Native), English (Native), German (B1)

**Software Experience:** MS Office, Apache Hive and Impala

**SOA/CAS Exams:** Probability, Financial Mathematics

## Achievements

### ASA Datafest

University of Toronto

*1st. Place, Mentor*

May 2017, 2018

- Created a business case from click data for Expedia, aimed at improving the suggestion engine and customer retention
- Served as a mentor during the 2018 competition

### McKinsey Open Data Challenge

McKinsey & Company

*1st. Place*

October 2017

- Created a business case and an MVP aimed at re-routing low urgency patients to hospitals with lowest estimated wait time