

Martin Stelmach

| 1305 Glenrose Crescent, Oakville, Ontario | stelmacm@mcmaster.ca |
| 905-484-9301 |

Highlights of Qualifications

Responsible, dependable and focused individual with strong interpersonal and team-building skills, willing and able to work hard and learn quickly

Currently enrolled at Honours Bachelor of Science in Mathematics and Statistics

Fluent in English, French, and Polish

Former President of the McMaster Actuarial Society

Education

OSSD, T. A. Blakelock High School, Oakville, includes French Immersion Proficiency Diploma

Currently Level 4 Honours BSc: Mathematics and Statistics at McMaster University, Hamilton. Courses include:

Modelling, Microeconomics and Macroeconomics, Statistics

Calculus, Linear Algebra, Financial Mathematics, Finance

Real Analysis, Regression Analysis and Financial Technologies

Projects Completed

Model of Ebola in Core versus Periphery Nations, Math 3MB3, 2017

Modelled the effects of Ebola in different nations. Model report included stochasticity, R_0 value, seeding process, and stress testing the model.

Mortality Improvement Prediction Model, Stats 3G03, 2017

Measured data from previous years of various demographics of populations and calculated mortality improvement predictions for respective populations.

Basketball Statistics, Personal Interests, 2016

Calculated and organized data from statistical sources and modelled a valuation system to give players value and statistical worth.

Current Project

McMaster University, Marauders Basketball Statistician and Analytics Director, 2017-Present

Create basketball models to accurately anticipate strategy and optimize personnel use. Implemented statistical tracking methods to quantify qualitative attribute such as defensive effort.

Additional qualifications

Proficiency in Microsoft Excel, Microsoft Word, Internet

Ability to code in Microsoft C#, C++, Visual Basic, Python, R

Emerging knowledge of financial markets

Work Experience

Pool Technician, Total Tech Pools, Oakville, April – July 2017

Role/Duties: Evaluate each individual system and identify the problem and solution as well as demonstrating and explaining to the customer how to avoid future problems and ensure customer satisfaction is optimized based on their needs

Customer Service Associate, Home Depot, Oakville, May – Aug. 2016

Role/Duties: Advised customers and small business owners with decisions on purchases and consulted general contracting needs with vast knowledge of products

Restaurant Assistant, 7 Enoteca, Oakville, May – Aug., 2015

Role/Duties: Provided a general assisting role which would vary from setting tables and presenting food to customers to making/cancelling reservations and greeting guests

Lifeguard/Swim Instructor, Town of Oakville Culture and Recreation, Sept. 2013 - Jan. 2015

Role/Duties: As a Lifeguard: supervising the pool during swimming lessons, community swim time and private functions

As a Swim Instructor: teaching swimming and safety procedures to children aged 2-10 and children with special needs

Volunteering

50 hours of volunteering at a summer international languages program, HCDSB; assisted teachers in activities for children 5-8 years old

10 hours of volunteering as a lifeguard at local swimming pool (YMCA Oakville)

Year long commitment of volunteering for McMaster Science Society as a Welcome Week Representative to welcome new students to McMaster and help with post-secondary transition

Achievements

Finished in the 25 percentile in the McMaster Stock Trading Competition

Served as Vice-President of the McMaster Actuarial Society for the 2017 year, responsibilities included planning and marketing events as well as running social media and being the primary contact for potential guest speakers

Served as President of the McMaster Actuarial Society for the 2016 year, responsibilities included scouting and hiring of team members as well as being in charge of the club finances and being the face of McMaster Actuaries